

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
SEP 30 1993

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
 DRILL DEEPEN PLUG BACK
 b. Type of Well
 Oil Well Gas Well Other **HORIZONTAL**
 2. Name of Operator
UNION PACIFIC RESOURCES COMPANY
 3. Address of Operator
P.O. BOX 7 MS 3407 FORT WORTH, TEXAS 76101-0007
 4. Location of Well (Report location clearly and in accordance with any State requirements.)*
 At surface **711' FSL 552' FWL SWSW**
 At proposed prod. zone **660' FNL & 1980' FNL NENW**
 14. Distance in miles and direction from nearest town or post office*

5. Lease Designation and Serial No.
FREE
 6. If Indian, Allottee or Tribe Name
N/A
 7. Unit Agreement Name
N/A
 8. Farm or Lease Name
JUDD
 9. Well No.
34-1H
 10. Field and Pool, or Wildcat
LODGEPOLE
 11. 00, Sec., T., R., M., or Blk. and Survey or Area
SW/SW SEC 34-2N-6E
 12. County or Parrish
SUMMIT
 13. State
UTAH

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. line, if any) **552'**
 16. No. of acres in lease **640**
 17. No. of acres assigned to this well **640**
 18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. **15,459' MD**
 19. Proposed depth **15,459' MD**
 20. Rotary or cable tools **ROTARY**
 21. Elevations (Show whether DF, RT, GR, etc.) **7615' GR; 7635' KB**
 22. Approx. date work will start*
UPON APPROVAL

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
	20"	92#	50'	TO SURFACE
14 3/4"	10 3/4"	45.5#	2000'	
9 7/8"	7 5/8"	29.7#	8000'	

UNION PACIFIC RESOURCES COMPANY(UPRC) PROPOSES TO DRILL, TEST AND ATTEMPT A HORIZONTAL COMPLETION IN THE WATTON CANYON MEMBER OF THE TWIN CREEK FORMATION. YOU WILL FIND THE FOLLOWING INFORMATION ATTACHED FOR YOUR REVIEW AND APPROVAL:

- (1) DRILLING WELL PLAN
- (2) PROPOSED WELLBORE DIAGRAM
- (3) LOCATION PLAT
- (4) ELEVATION & LOCATION SCHEMATICS
- (5) GEOLOGICAL PROGNOSIS

IF ADDITIONAL INFORMATION IS NEEDED, PLEASE CONTACT RACHELLE MONTGOMERY @ 817/877-7952.

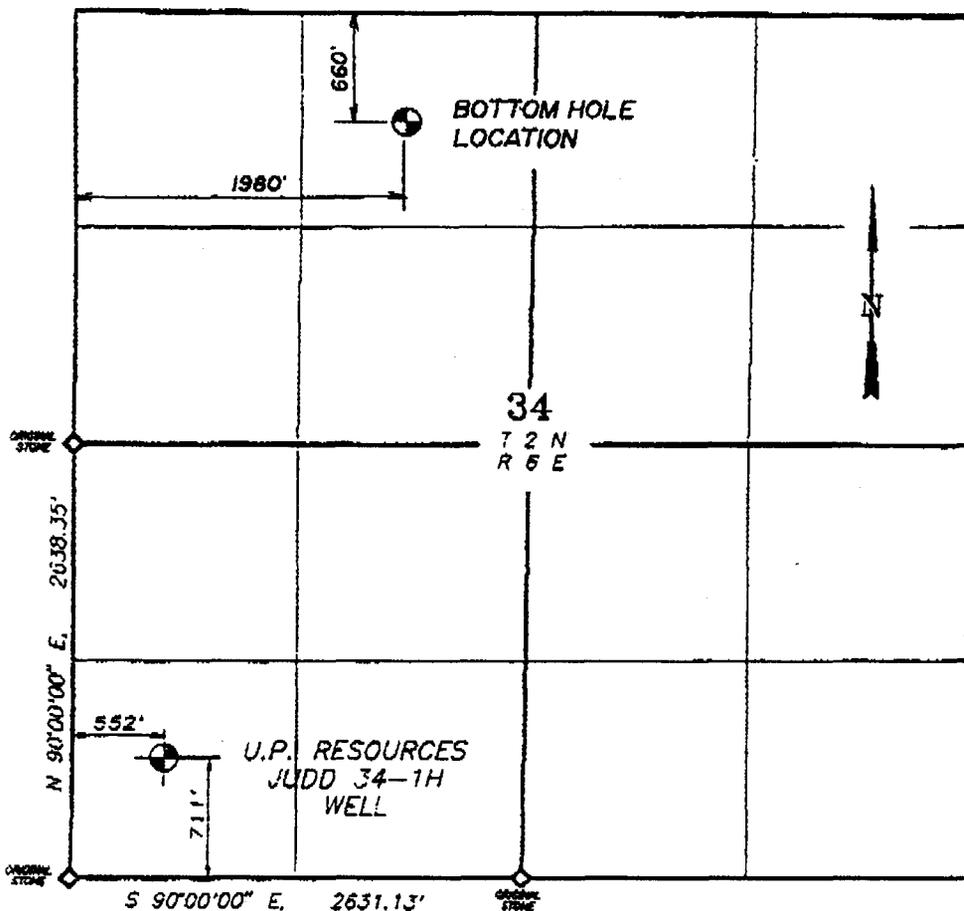
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. I hereby certify that this report is true and complete to the best of my knowledge.
 Signed: Rachelle Montgomery Title: REGULATORY ANALYST Date: 09-29-93

(This space for Federal or State Office Use)
 API NO. 43-043-30301 Approval Date _____

Approved by _____ Title _____
 Conditions of approval, if any: _____
APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
 DATE: 10-19-93
 BY: [Signature]
 WELL SPACING: 167-2

*See Instructions On Reverse Side



LOCATION MAP

SURVEYED UNDER MY SUPERVISION ON
SEPTEMBER 8, 1993

John A. Proffitt 9/23/93
 JOHN A. PROFFITT PLS/2860

U.P. RESOURCES
JUDD 34-1H WELL
 711' FSL 552 FWL
 SW 1/4 SW 1/4 SECTION 34
 T 2 N, R 6 E, SLB&M
 SUMMIT COUNTY, UTAH

UINTA ENGINEERING & SURVEYING, INC.
 808 MAIN STREET
 EVANSTON, WYOMING 82930
 (307) 789-5322

REV. 10-20-93
 REVISE BOT. HOLE LOC.
 REVISED: 09-23-93

DATE: 09-14-93 JOB #: 93-64-12
 DRAWN BY: Brent Sanders

DRILLING WELL PLAN

Well Name: JUDD ³⁴~~43~~-1H
County/State: Summit County, Utah
Proposed Depth: 15,459' MD/11,617' TVD
Location:

Surface: 711' FSL & 552' FWL of Section 34-T 2N-R 6W
Bottomhole: 660' FNL & 1980' FWT of Section 34-T 2N-R 6W

Elevation: 7,615' Ground Level
7,635' KB

Productive Formation: Watton Canyon member of Twin Creek

SUMMARY

The Judd 34-1H is proposed as a directional well to be drilled horizontally through the Watton Canyon bench of the Twin Creek formation to a depth of 15,459' MD/11,617' TVD. Horizontal displacement is 4,159'; wellbore direction is N-20°-E.

PROPOSED DIRECTIONAL PROGRAM

Drill a 14-3/4" surface hole to 2000'. Run 10-3/4" casing and cement to surface. Drill a 9-7/8" vertical hole to 10,950. Run and cement 7-5/8" casing. Drill a 6-3/4" vertical hole to KOP at 11,063'. Drill a 6-1/2" directional hole while building angle at 14°/100' to approximately 88°; hole direction will be N-20°-E. Drill to target depth at 15,459' MD/11,617' TVD. Directional surveys will be taken every 100' in the vertical hole, every 30' in the build section, and every 90' in the horizontal section.

BOP PROGRAM

The Utah Department of Natural Resources will be notified at least 24 hours prior to testing. The BOP's will be tested by an outside testing company and their report will be submitted to the Commission. Reference BOP Diagram attached.

Casing Program

<u>Size</u>	<u>Depth</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>
20"	0 - 50'	92 #	J-55	-----
10-3/4"	0 - 2000'	45.5#	K-55	STC
7-5/8"	0 - 8000'	29.7#	S-95	LTC
7-3/4"	8000'-10953'	46.1#	S-125	LTC

Mud Program

<u>Interval (MD)</u>	<u>Mud Wt (PPG)</u>	<u>Viscosity</u>	<u>Wtr Loss (cc)</u>	<u>Remarks</u>
0'- 2000'	8.3- 9.3	36-45	NC	Fresh water mud
2000'- 9000'	9.3-10.3	-45	- 15	Fresh water mud
9000'- 10953'	10.3-10.5	-45	- 10	Salt Saturated Mud
10953'- 15459'	8.3-9.0	---	NC	Fresh water-Brine

Testing, Logging, Coring Programs

Samples: Samples shall be taken at 30' intervals.

Cores: None.

Surveys: Directional surveys will be taken every 30' in the build section and at intervals no greater than 90' in the horizontal section.

Mudlogger: Manned, 24-hour monitoring from base of intermediate casing to TD.

Logging: Base of intermediate casing to TD: DIL-CNL/FDC-Sonic
 Borehole Televiewer

Cementing TM
Well Cementing Recommendation

Client : UNION PACIFIC RESOURCE
Casing : 10 3/4 inch Surface
Well : Judd 34-1H
Field : Sec 34 T2 R6
County : Summit
State : Utah
Rig Name : SST 56

Well Description for 10 3/4 in Surface

- Anticipated Hole conditions
 - Open hole: 0 to 2000 feet with 14 3/4 inch bit
 - Excess factor: 120%
 - Mud weight: 9.0 ppg natural fresh mud
- Casing Configuration
 - Casing size: 10 3/4 inch 8rd, 40.5 from surface to TD
- Fill up calculations
 - Lead system: 1,763 feet * .5563 cf/ft * 2.20 excess = 2,158cf
 - Slurry volume: 2,158 cf / 1.79 cf/sx = 1,210 sacks (approx.)
 -
 - Tail system: 237 feet * .5563 cf/ft * 2.2 excess = 290 cf
 - Slurry volume: 290 cf / 1.16 cf/sx = 250 sacks (approx.)

Fluid Descriptions

- Washes and Spacers
 - 20 bbls fresh water to precede cement

Lead Cement system	Additives	Performance			
		Weight (ppg)	Yield (ft ³)	Mix water (gals/sx)	Other tests
Lead cement system 1,210 sacks of 35:65 POZ:'G'	6.0% D20, Bentonite 2.0% S1, CACL 0.25 lbs/sx D29 Celloflake	12.7 ppg	1.79 cf/sx	9.44 gals	Pump Time 4:00 hrs
Tail Slurry 250 sacks of Class 'G' cement	0.25 lbs/sx D29 Cellflake	15.8 ppg	1.16 cf/sx	5.02 gals	Pump Time 2:30 hrs

Cementing TM
 Well Cementing Recommendation

Client : UNION PACIFIC RESOURCE
 Casing : 7 3/4 inch Intermediate
 Well : JUDD 34-1H
 Field : SEC34 T2 R6
 County : Summit
 State : Utah
 Rig Name : SST 56

Well Description for 7 3/4 in Intermediate

- Anticipated Hole conditions
 - Open hole: 2,000 to 10,953 feet with 9 7/8 inch bit
 - Excess factor: 50%
 - Mud weight: 10.0 ppg Salt Saturated mud
- Casing Configuration
 - Casing size: 7 3/4 inch N80, 8rd, from surface to 10,953
- Fill-up Calculations
 - Tail system : 3,453 ft * .2148 cft/ft * 1.5 excess = 1,113 cf
 - Tail slurry : 1,113 cf / 1.22 cf/sx = 915 sacks

Fluid Descriptions

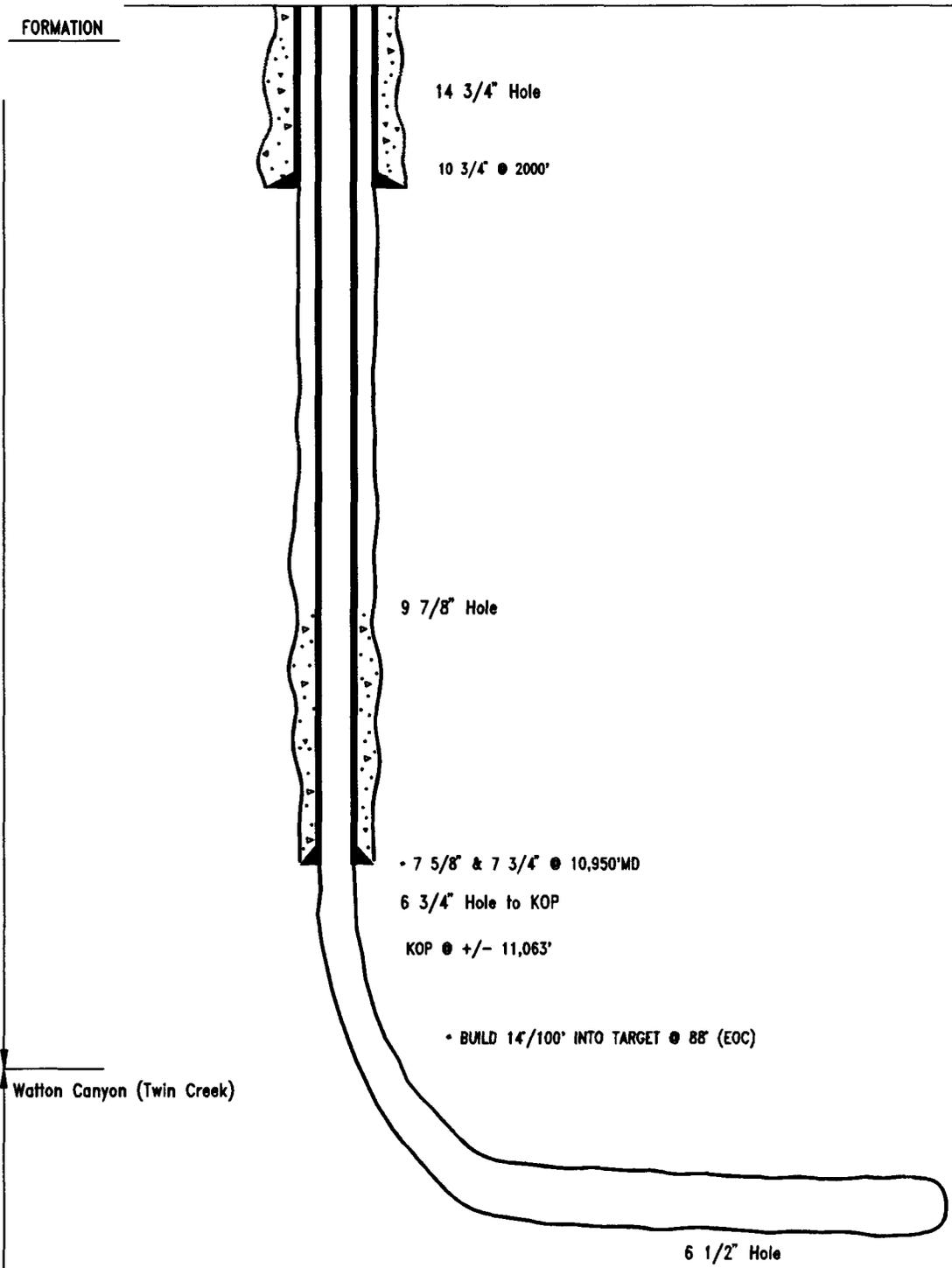
- Washes and Spacers
 - 150 bbls Salt water
 - 20 bbls CW100 to precede cement

Cement systems	Additives	Performance			
		Weight (ppg)	Yield (ft ³)	Mix water (gals/sx)	Other tests
Cement system 915 sacks of Class 'G'	0.75 g/s D604AM, Saltbond II 24% D44, Salt(BWOW) 0.03 g/s M45, Defoamer	16.2	1.22 cf/sx	5.53 gps	Pump Time 4:00 Fluid Loss 190 cc

- AFE# ?
- SUMMIT CO., UTAH
- WATTON CANYON (Twin Creek)
- 15,459' MD / 11,617' TVD

- S.L.: 711' FSL & 552' FWL SEC. 34 - T2N - R6W
- BHL: 660' FNL & 1980' FWL SEC. 34 - T2N - R6W
- GROUND LEVEL ELEVATION = 7,615'

FORMATION



TD = +/- 15,459' KBMD
+/- 11,617' KBTVD

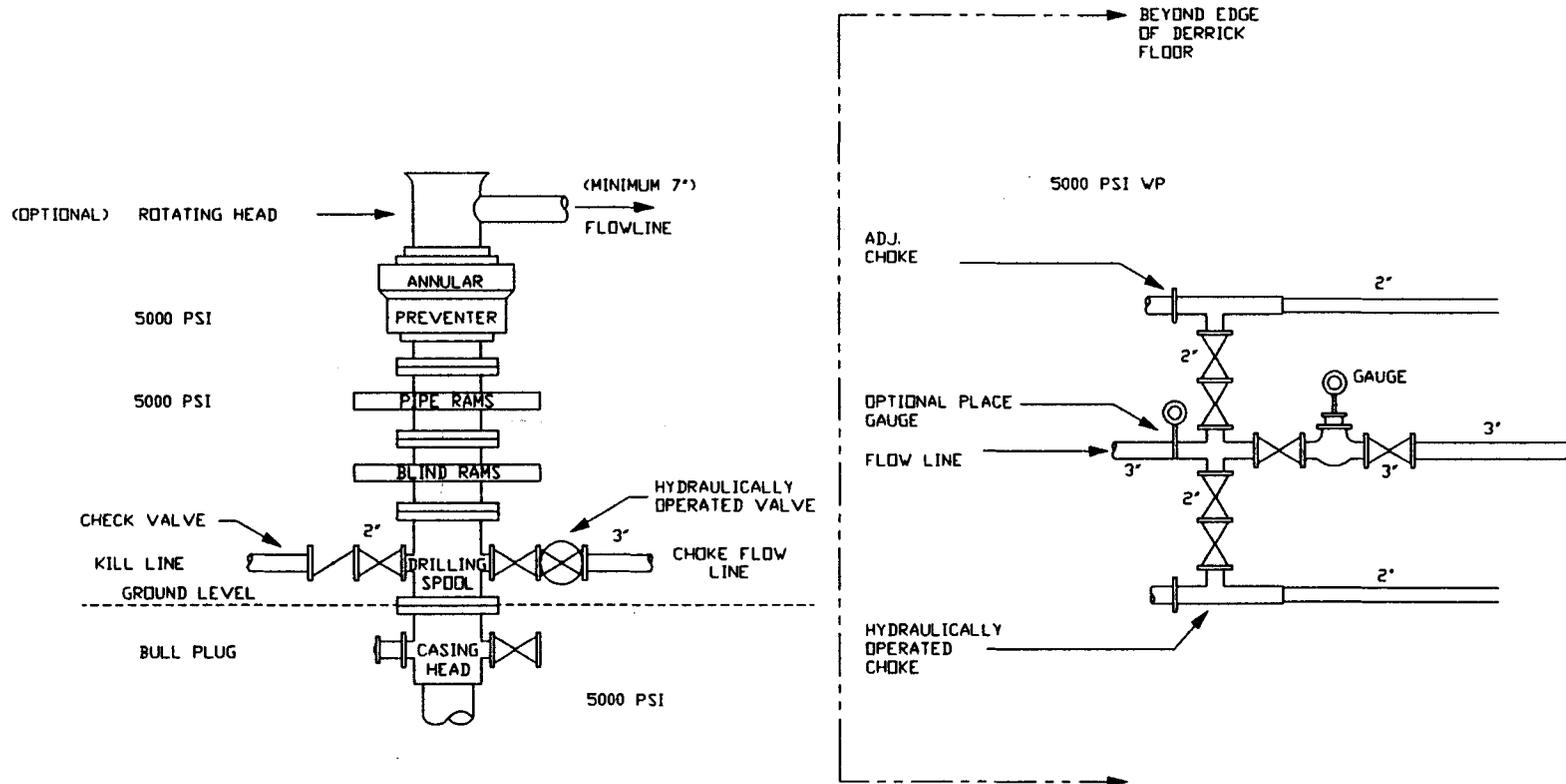


Union Pacific
Resources

A Subsidiary of Union Pacific Corporation

DRAWING NUMBER 7

5000 # WORKING PRESSURE



**Judd 34-1H
Section 34-2N-6E
Summit County, Utah**

In accordance with the Oil and Gas Conservation General Rules for the State of Utah Section R615-3-18, the privated surface for the Judd 34-1H is owned as follows:

Leon M. Judd
Helen Judd, Wife
1275 South Hoytsville Rd.
Hoytsville, UT 84017
(801) 336-5558

A copy of the signed surface owners agreement will be fowarded under separate cover.

TWIN CREEK GEOLOGIC PROGNOSIS

WELL: Judd 34-1H

LOCATION: 660' FSL 660' FWL Sec. 34
2N 6E SUMMIT COUNTY, UTAH

BOTTOM HOLE LOCATION: 1980 FWL 660 FNL Sec 34

UPDIP OR DOWNDIP

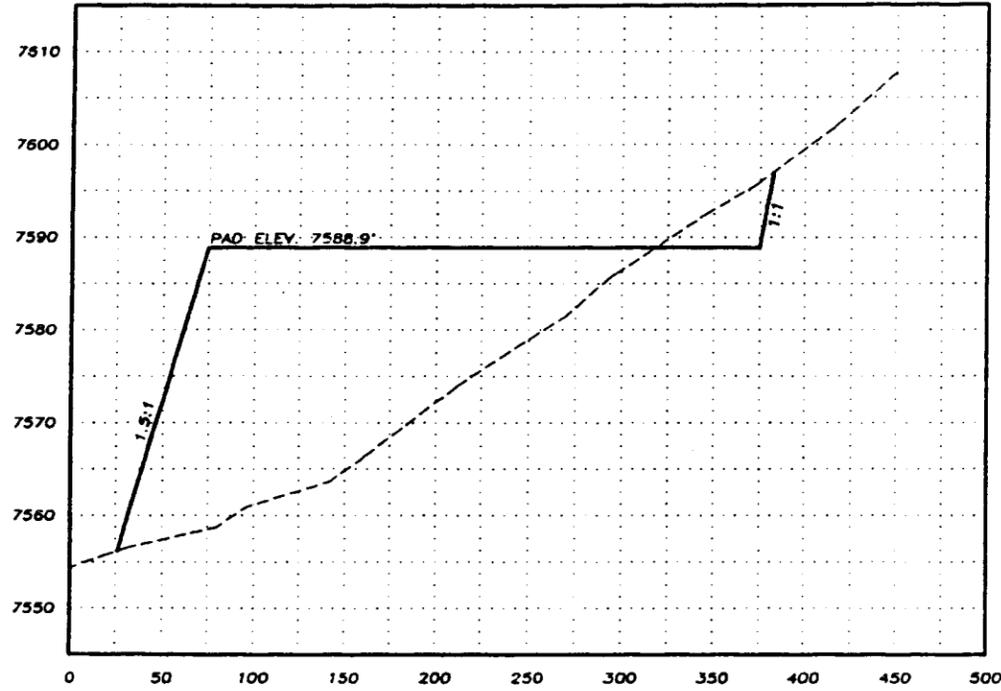
TARGET: Lower Watton Canyon **THICKNESS:** 90' **DIP:** 2.2 @ N20E

LATERAL LENGTH: 4200 **AZIMUTH:** N20E

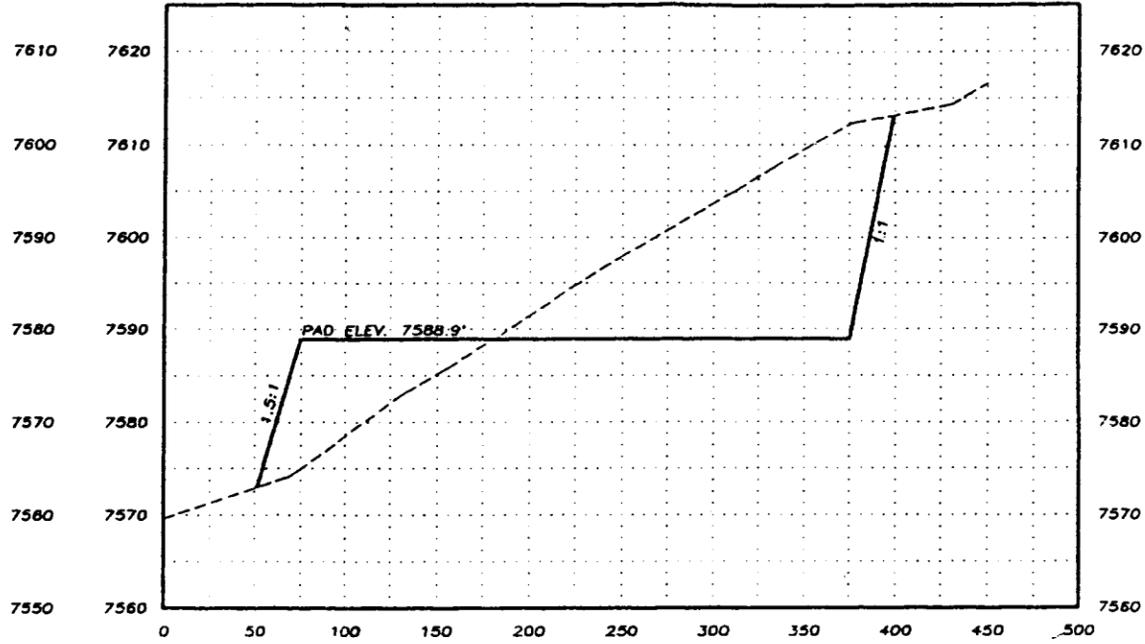
ASSUMING KB 7600

FORMATION/MEMBER	VERTICAL DEPTH	SUBSEA
Tertiary		
Frontier	3027	+4573
Aspen	4735	+2865
* Kelvin	5079	+2521
Stump	8654	-1054
Preuss	9022	-1422
Salt	10245	-2645
Base Salt	10390	-2790
Giraffe Crk	10425	-2825
Leeds Crk	10918	-3318
Watton Cyn	11288	-3688
Boundary Rdg	11487	-3887
Rich	11535	-3935
Sliderock		N/A
Gyp Springs		N/A
Nugget		N/A

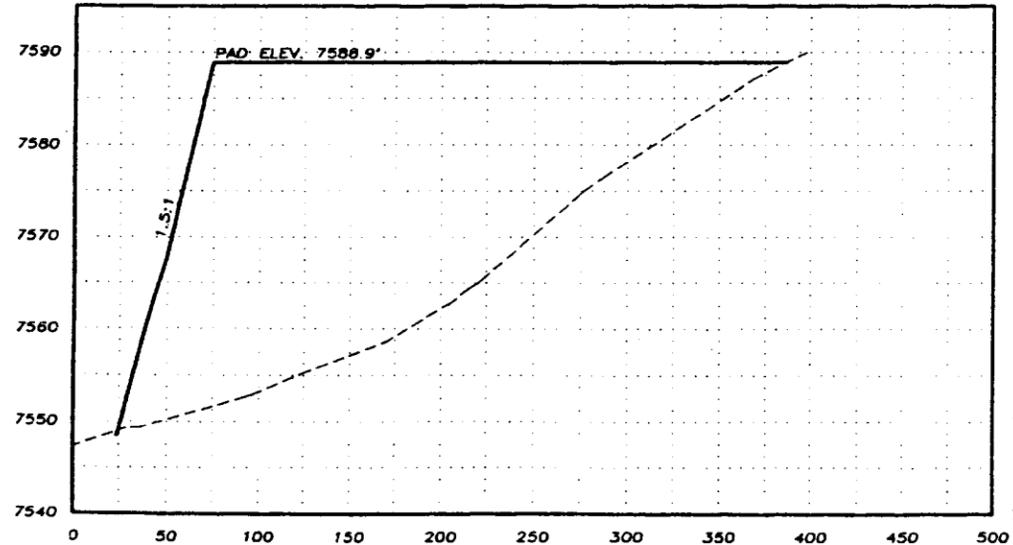
STATION 0+50



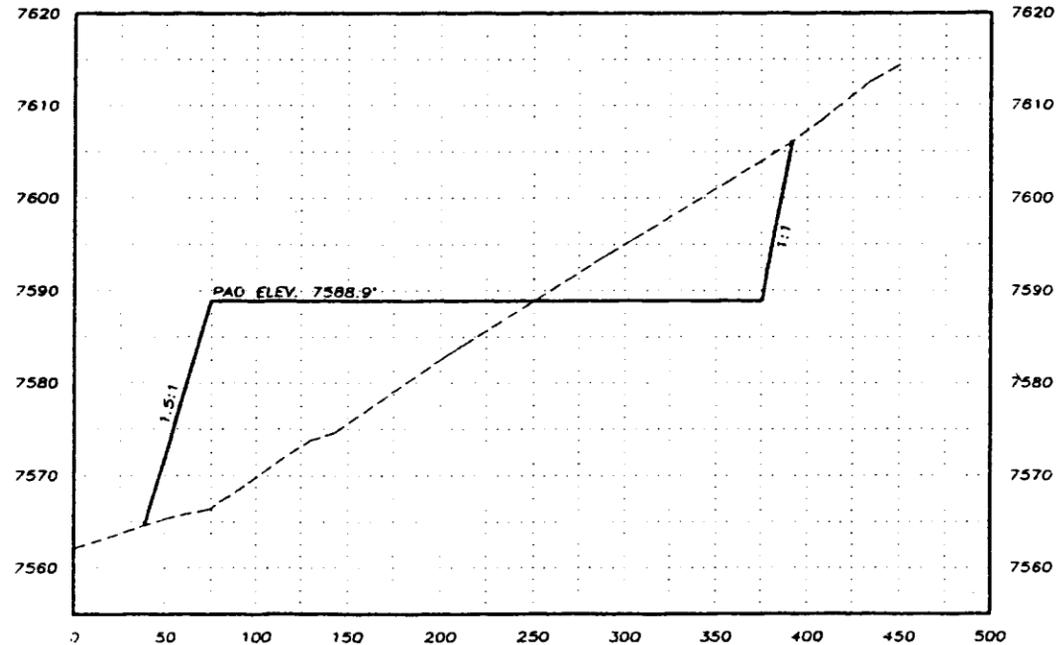
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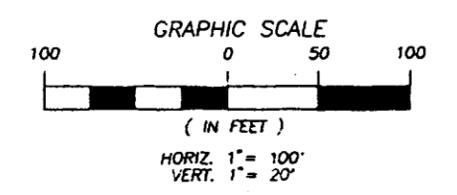
STATION 0+00



STATION 1+00



SEP 27 1993



U.P. RESOURCES
 JUDD 34-1H WELL
 711' FSL 552 FWL
 SW 1/4 SW 1/4 SECTION 34
 T 2 N, R 6 E, SLB&M
 SUMMIT COUNTY, UTAH

UINTA ENGINEERING & SURVEYING, INC.
 808 MAIN STREET
 EVANSTON, WYOMING 82930
 (307) 789-5522

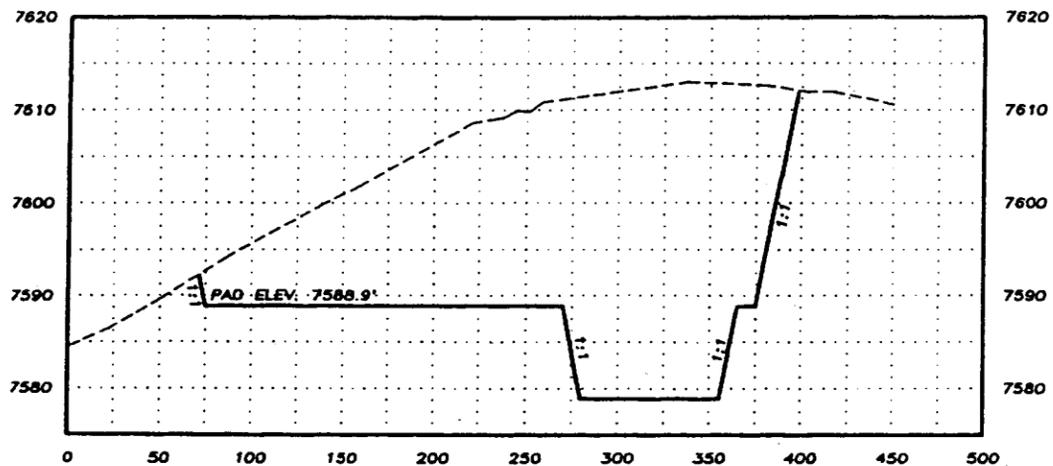
DATE: 09-14-93 JOB #: 93-64-12
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REVISED: 09-23-93

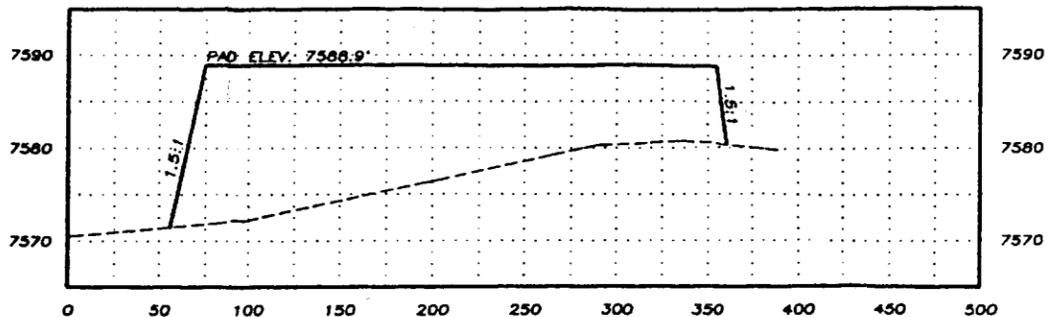
DRAWN BY: Brent Sanders SHEET 3 OF 4

SEP 27 1993
 U.P. RESOURCES
 1000 W. 1000 N.

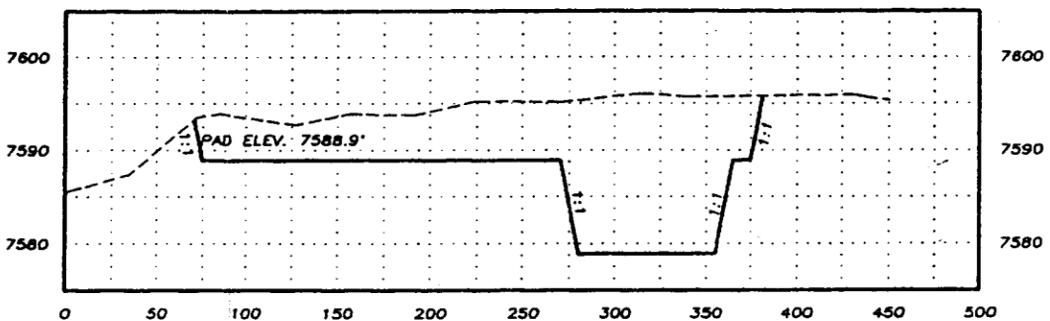
STATION 2+50



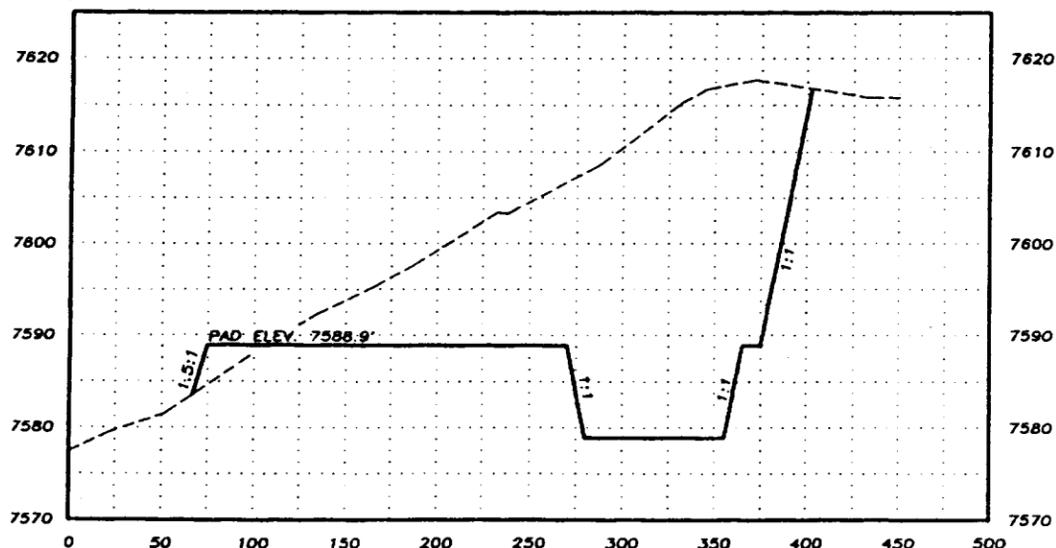
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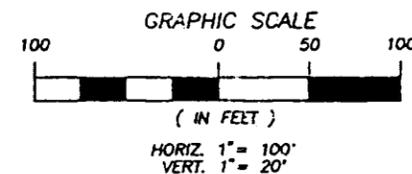
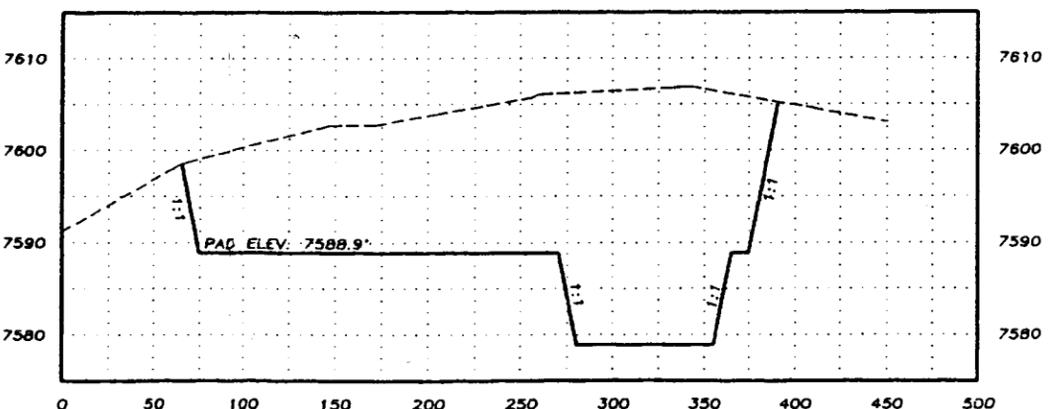
STATION 3+50



STATION 2+00



STATION 3+00



U.P. RESOURCES
 JUDD 34-1H WELL
 711' FSL 552 FWL
 SW 1/4 SW 1/4 SECTION 34
 T 2 N, R 6 E, SLB&M
 SUMMIT COUNTY, UTAH

UINTA ENGINEERING & SURVEYING, INC.
 808 MAIN STREET
 EVANSTON, WYOMING 82930
 (307) 789-5522

DATE: 09-14-93 JOB #: 93-64-12
 DISK #: 089 FILE: 93-64-12

REVISED: 09-23-93

DRAWN BY: Brent Sanders SHEET 4 OF 4

SEP 27 1993

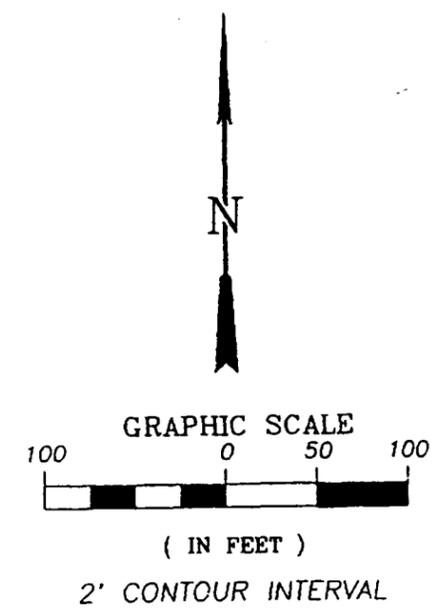
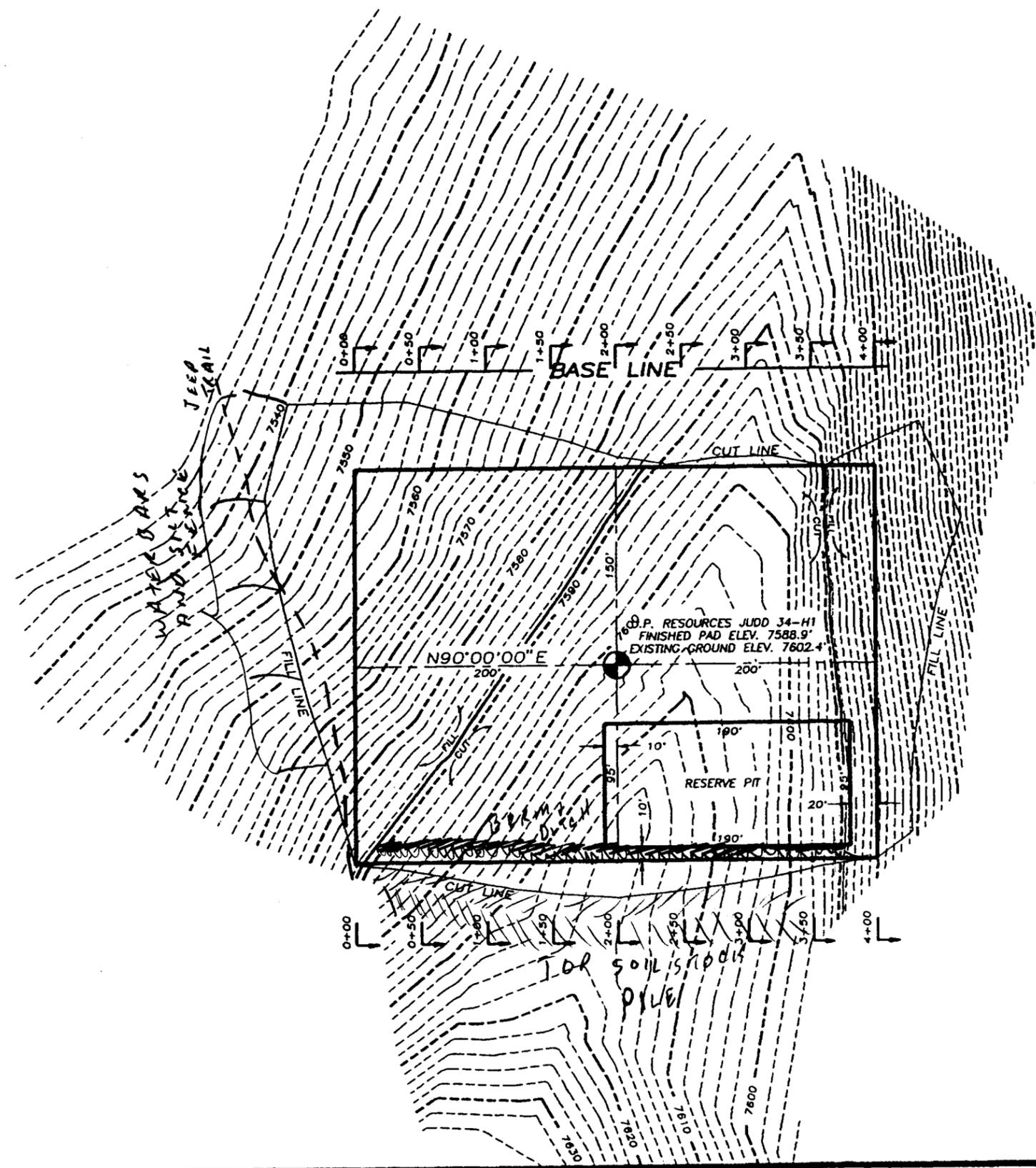
DIVISION OF BASIS OF ELEVATION
 ELEVATIONS BASED ON U.S.G.S. QUADRANGLE - CRANDALL CANYON, UTAH. SPOT ELEVATION 7666.0' IN THE NW1/4 NE1/4 SECTION 34, T2N, R6E, SLB&M
 FINISHED PAD ELEVATION TO BE 7588.9'

QUANTITIES
 EXCAVATION = 37,111 C.Y. } THESE QUANTITIES DO NOT INCLUDE EXCAVATION FOR TOPSOIL OR SHRINK OR SWELL FACTORS
 EMBANKMENT = 33,901 C.Y.
 TOPSOIL IN CUT AREA = 1,468 C.Y.
 TOPSOIL IN FILL AREA = 1,540 C.Y.
 RESERVE PIT CAPACITY = 5,715 C.Y. = 27,500 BBLs.
 (NOT INCLUDED IN ABOVE EXC. QUANTITY)

SURVEYED UNDER MY SUPERVISION ON SEPTEMBER 8, 1993

JOHN A. PROFFIT
 2860
 9/23/93
 REGISTERED PROFESSIONAL SURVEYOR STATE OF UTAH

SECTION LINE



U.P. RESOURCES
 JUDD 34-1H WELL
 711' FSL 552 FWL
 SW 1/4 SW 1/4 SECTION 34
 T 2 N, R 6 E, SLB&M
 SUMMIT COUNTY, UTAH

UINTA ENGINEERING & SURVEYING, INC.
 808 MAIN STREET
 EVANSTON, WYOMING 82930
 (307) 789-5522

DATE: 09-14-93 JOB #: 93-64-12
 DISK #: 089 FILE: 93-64-12

REVISED: 09-23-93

DRAWN BY: Brent Sanders SHEET 2 OF 4



**Union Pacific
Resources**

A Subsidiary of Union Pacific Corporation

VIA FEDERAL EXPRESS

September 24, 1993

Mr. Frank Matthews
Utah Department of Natural Resources
Division of Oil, Gas & Mining
355 N. Temple - 3 Triad Center, Suite 350
Salt Lake City, Utah 84180

SEP 27 1993

DIVISION OF
OIL, GAS & MINING

RE: Proposed Well
Judd 34-1H
SW/SW Section 34-2N-6E
Summit County, Utah

Dear Mr. Matthews:

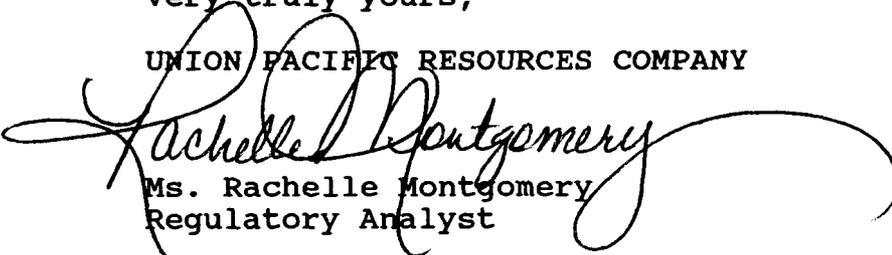
Enclosed you will find a well location plat along with elevation and location schematics. Union Pacific Resources Company (UPRC) anticipates filing and Application for Permit to Drill within the next few days.

Prior to filing drilling permit, UPRC request permission to start dirt work due to the amount of time required to build this location.

If you have any questions or need additional information, please contact the undersigned at 817/877-7952.

Very truly yours,

UNION PACIFIC RESOURCES COMPANY


Ms. Rachelle Montgomery
Regulatory Analyst



**Union Pacific
Resources**

A Subsidiary of Union Pacific Corporation

RECEIVED

SEP 27 1993

DIVISION OF
OIL, GAS & MINING

October 25, 1993

Mr. Frank Matthews
State of Utah
Division of Oil, Gas & Mining
355 N. Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

**RE: Judd 34-1H
SW/SW Sec 34-2N-6E
Summit, Utah**

Dear Mr. Matthews:

Enclosed you will find the original documentation for the copied data sent at 2:36pm CST, October 22, 1993.

If any additional information is required please feel free to contact the undersigned. Thank you for your assistance.

Yours very truly,

UNION PACIFIC RESOURCES COMPANY

Rachelle Montgomery
Regulatory Analyst

RLM/kmb

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 09/30/93

API NO. ASSIGNED: 43-043-30301

WELL NAME: JUDD 34-1H
OPERATOR: UNION PACIFIC RESOURCES (N9465)

PROPOSED LOCATION:
SWSW 34 - T02N - R06E
SURFACE: 0711-FSL-0552-FWL
BOTTOM: 0660-FNL-1980-FWL
SUMMIT COUNTY
LODGEPOLE FIELD (525)

LEASE TYPE: FEE
LEASE NUMBER: JUDD

INSPECT LOCATION BY: 9/30/93		
TECH REVIEW	Initials	Date
Engineering	<i>JM</i>	10/14/93
Geology	<i>RA</i>	10/4/93
Surface	<i>JP</i>	9/30/93

RECEIVED AND/OR REVIEWED:

Y Plat
Y Bond SURFACE BOND \$80,000
(Number 2447222)
N Potash (Y/N)
N Oil shale (Y/N)
 Water permit
(Number)
N RDCC Review (Y/N)
(Date:)

LOCATION AND SITING:

 R649-2-3. Unit:
 R649-3-2. General.
 R649-3-3. Exception.
 Drilling Unit.
Board Cause no: 167-2
Date: 01-02-79

COMMENTS: _____

CONFIDENTIAL
PERIOD
EXPIRED
ON 10-21-95

STIPULATIONS: SEE ATTACHED FIELD REVIEW.

*1. Top of Top of Kelvin @ 5679
Pump cement to 5' from surface to prevent
fresh water. Call D&M 24 hrs prior
to cement job.*

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 09/30/93

API NO. ASSIGNED: 43-043-30301

WELL NAME: JUDD 34-1H
 OPERATOR: UNION PACIFIC RESOURCES (N9465)

PROPOSED LOCATION:
 SWSW 34 - T02N - R06E
 SURFACE: 0711-FSL-0552-FWL
 BOTTOM: 0660-FNL-1980-FEL
 SUMMIT COUNTY
 LODGEPOLE FIELD (525)

INSPECT LOCATION BY: 9/30/93		
TECH REVIEW	Initials	Date
Engineering	JAM	10/14/93
Geology		
Surface		

LEASE TYPE: FEE
 LEASE NUMBER: JUDD

RECEIVED AND/OR REVIEWED:

- Plat
- Bond
(Number 2447222)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit
(Number _____)
- RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

- R649-2-3. Unit: _____
- R649-3-2. General.
- R649-3-3. Exception.
- Drilling Unit.
Board Cause no: 167-2
Date: 01-02-79
February 1, 1979

COMMENTS: Royalty surgers same in both quarter sections per ~~Rochelle~~ ^{Rochelle} Montgomery, UPRC.

STIPULATIONS: See attached field review. **
Run a DV tool @ ± 5079' (Top of Kelvin) and cement with sufficient cement to provide for a 200' plug @ top of Kelvin. Notify the ~~DOSM~~ ^{Division} 24 hr. prior to cement job.

in the 1 5/8" casing string

8. Fee Bond Stipulation

DRILLING LOCATION ASSESSMENT

**State of Utah
Division of Oil, Gas and Mining**

OPERATOR: UNION PACIFIC RESOURCES CORP. WELL NAME: JUDD 34-1H
SEC: 34 TWP:2N RNG: 6E SURFACE LOC:711 FSL 552 FWL QTR/QTR SW SW
BOTTOM HOLE LOCATION: 660 FNL 1980 FEL SEC: 34 QTR/QTR: NW NE
COUNTY: SUMMIT FIELD: LODGEPOLE SURFACE OWNER: FEE
SURFACE AGREEMENT: FEE LAND OWNER
SPACING: 160 ACRES TWIN CREEK FORMATION
GEOLOGIST: MICHAEL HEBERTSON DATE AND TIME: SEP. 30,1993 1:30 PM

PARTICIPANTS: MIKE HEBERTSON, DON PRESTENCHOSKY, BILL .

REGIONAL SETTING/TOPOGRAPHY: WASATCH MOUNTAINS NORTHEAST PORTION OF THE STATE. HIGH ALPINE SLOPES, STEEP HILLS AND NARROW CANYONS. MOSTLY VEGETATED WITH TREES AND BUSHES.

LAND USE:

CURRENT SURFACE USE: GRAZING FOR DOMESTIC LIVESTOCK, WINTER RANGE FOR DEER AND WILDLIFE.

PROPOSED SURFACE DISTURBANCE: 5 ACRE LOCATION, RESERVE PIT AND ROAD ACCESS 16' WIDE.

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE, THIS IS A WATER RECHARGE AND RUNOFF AREA DURING HIGH MOISTURE PERIODS FALL AND SPRING SEASONS. AN ACTIVE SPRING AND STREAM IS IN THE CANYON EAST OF THE PROPOSED LOCATION ABOUT 1/2 MILE AWAY. THE LOCATION WILL NOT BE ADJACENT TO THE STREAM.

FLORA/FAUNA: SAGEBRUSH, BITTER BRUSH, SCRUB OAK, GRASSES ABUNDANT ASPEN. DEER, ELK, MOOSE, SQUIRRELS LIZARDS, HAWKS, EAGLES, SMALLER BIRDS, COYOTE, BOBCAT, INSECTS.

ENVIRONMENTAL PARAMETERS:

SURFACE GEOLOGY:

SOIL TYPE AND CHARACTERISTICS: CLAY AND SILT VERY THIN, HEAVY ROCKS AND GRAVEL FROM THE ECHO FORMATION.

SURFACE FORMATION & CHARACTERISTICS: ECHO CONGLOMERATE. HEAVY ROCKS AND GRAVEL CEMENTED WITH SILT AND MUD STONE. WEATHERS TO SILTY CLAY AND HEAVY GAVELS.

EROSION/SEDIMENTATION/STABILITY: EROSION AND STABILITY COULD BE A PROBLEM DURING RUNOFF AND SPRING THAW.

PALEONTOLOGICAL POTENTIAL: NONE.

SUBSURFACE GEOLOGY:

OBJECTIVES/DEPTHS: THE OBJECTIVE FORMATION IS THE TWIN CREEK FORMATION AT 10,000 ±. THE HORIZONTAL LEG WILL BE ABOUT 4,000 FEET TRENDING NORTHEAST.

ABNORMAL PRESSURES-HIGH AND LOW: THIS AREA IS UNDER PRESSURED AND THE ZONE MAY SHOW DEPLETION PRESSURES AS A RESULT OF PREVIOUS PRODUCTION.

CULTURAL RESOURCES/ARCHAEOLOGY: NONE HAVE BEEN SITED.

CONSTRUCTION MATERIALS: LOCATION WILL BE CONSTRUCTED WITH MATERIALS AT THE SITE USING CUT & FILL AS AVAILABLE, OTHER MATERIAL WILL BE HAULED IN AS NECESSARY FOR THE PAD AND TO GRADE THE ROAD.

SITE RECLAMATION: AS REQUIRED BY THE SURFACE OWNER AGREEMENT.

RESERVE PIT:

CHARACTERISTICS: 190 X 95' CUT IN THE ECHO CONGLOMERATE ON THE SOUTHEAST SIDE OF THE LOCATION. PIT WILL BE PARALLEL TO THE PREVAILING WIND DIRECTION.

LINING: A LINER OF 12 MIL PLASTIC (MINIMUM) WILL BE REQUIRED AND THE PIT WILL BE PADDED OR SMOOTHED SO AS TO PREVENT THE LINER FROM BEING PUNCTURED.

MUD PROGRAM: AS SPECIFIED IN THE APD AND DRILLING PLAN.

DRILLING WATER SUPPLY: WATER WILL BE SUPPLIED FROM FISH CREEK FOR THE SURFACE HOLE, AND FROM THE 19-2X FOR THE BOTTOM HOLE.

OTHER OBSERVATIONS :

STIPULATIONS FOR APD APPROVAL:

- ✓1. PIT WILL BE PLACED IN CUT MATERIAL ON THE SOUTHEAST SIDE OF THE LOCATION.
- ✓2. PIT WILL BE PADDED OR SMOOTHED IN SUCH A WAY THAT A LINER OF 12 MIL PLASTIC WILL NOT PUNCTURE.
- ✓3. THE PIT WILL BE INSPECTED BEFORE THE LINER IS PLACED.
- ✓4. THE FILL SLOPES OF THE LOCATION WILL BE RIP-RAPPED WITH ROCK OF SUFFICIENT SIZE TO PREVENT EROSION AND ADD STABILITY TO THE SLOPE.
- ✓5. A BERM AND DITCH WILL BE PLACED ON THE SOUTH EDGE OF THE LOCATION AND WILL BE CONSTRUCTED SO AS TO PREVENT RUNOFF FROM ENTERING THE WELL PAD, AND DIVERT WATER OFF LOCATION TO THE WEST
- ✓6. THE BERM AND DITCH WILL ALSO BE RIP-RAPPED
- ✓7. WATER BARS WILL BE PLACED EVERY 20-30 FEET ALONG THE FILL LINE ON THE WEST SIDE TO SLOW THE RUNOFF.
- ✓8. A SILT TRAP WILL BE PLACED AT THE BOTTOM OF THE FILL ON THE NW CORNER OF THE LOCATION.

SEE
40.
NEXT
PAGE

- ✓ 9. THE ACCESS ROAD WILL BE DITCHED ON THE UPHILL SIDE AND WATER WILL BE DIVERTED TOWARDS THE NATURAL DRAINAGES.
10. THE SHOULDERS OF THE ROAD WILL BE SEEDED TO PREVENT EROSION.

ATTACHMENTS

PHOTOGRAPHS WILL BE PLACED OF FILE.

42. GROUND NETTING WILL BE USED INSTEAD OF ROCK R.I.P.-RAP TO CONTROL EROSION. IF NETTING DOES NOT CONTROL EROSION IN SATISFACTORY MANNER, ROCK WILL BE PLACED ON FILLED SLOPES.

APPROVED VERBAL 10/4/93

JA

STATE OF UTAH

Operator: UNION PACIFIC RESOURCE	Well Name: JUDD 34-1H
Project ID:	Location: SEC. 34,T2N,R6E

Design Parameters:

Mud weight (10.50 ppg) : 0.545 psi/ft
 Shut in surface pressure : 5974 psi
 Internal gradient (burst) : 0.000 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

	Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	9,000	7.625	29.70	S-95	LT&C	9,000	6.750	
2	1,953	7.750	46.10	LS-125	LT&C	10,953	6.500	

	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Load (kips)	Tension Strgth (kips)	S.F.
1	4909	6902	1.406	5974	8180	1.37	357.33	668	1.87 J
2	5974	16610	2.780	5974	16400	2.75	90.03	1279	14.21 J

Prepared by : F. MATTHEWS, Salt Lake City, UT
 Date : 10-14-1993
 Remarks :

HORIZONTAL TEST OPEN HOLE.

Minimum segment length for the 10,953 foot well is 1,000 feet.

The mud gradient and bottom hole pressures (for burst) are 0.545 psi/ft and 5,974 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guide-line, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1987 pricing model. (Version 1.06)

STATE OF UTAH

Operator: UNION PACIFIC RESOURCE	Well Name: JUDD 34-1H
Project ID:	Location: SEC. 34, T2N, R6E.

Design Parameters:

Mud weight (9.30 ppg) : 0.483 psi/ft
 Shut in surface pressure : 2000 psi
 Internal gradient (burst) : 0.000 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost				
1	2,000	10.750	40.50	H-40	ST&C	2,000	9.894				
	Collapse	Load	Strgth	S.F.	Burst	Min Int	Yield	Tension	Load	Strgth	S.F.
	(psi)	(psi)			(psi)	(psi)		(kips)	(kips)		
1	966	1390	1.439	2000	2280	1.14	81.00	314	3.88	J	

Prepared by : F. MATTHEWS, Salt Lake City, UT
 Date : 10-14-1993
 Remarks :

HORIZONTAL TEST OPEN HOLE

Minimum segment length for the 2,000 foot well is 1,000 feet.

Surface/Intermediate string:

Next string will set at 8,000 ft. with 10.30 ppg mud (pore pressure of 4,281 psi.) The frac gradient of 1.000 psi/ft at 2,000 feet results in an injection pressure of 2,000 psi Effective BHP (for burst) is 2,000 psi.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1987 pricing model. (Version 1.06)



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

October 19, 1993

Union Pacific Resource Company
P.O. Box 7 MS 3407
Fort Worth, Texas 76101-0007

AMENDED APPROVAL

Re: Judd 34-IH Well, Surface Location at 711' FSL, 552' FWL, SW SW & Proposed Bottom Hole Location 660' FNL, 1980' FWL, NE NW, Sec. 34, T. 2 N., R. 6 E., Summit County, Utah

Gentlemen:

Pursuant to Utah Code Ann. § 40-6-6, (1953, as amended) and the order issued by the Board of Oil, Gas and Mining in Cause No. 167-2, dated February 1, 1979, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. Pursuant to the order in Cause No. 167-2 dated February 1, 1979 issued by the Board of Oil, Gas and Mining ("Board"), the temporarily abandoned Judd 34-3 well located in the SE SW of Section 34, shall not be produced without permission from the Board after proper notice and hearing.
2. Union Pacific Resources Company, as designated operator ("UPRC"), is the bonded principal in reference to this Application for Permit to Drill. Should this designation change or a transfer of ownership occur, liability will remain with UPRC until the division is notified by letter of a new bonded principal.
3. The reserve pit shall be located on the southeast portion of the location pad in cut material. A synthetic liner of 12 mil minimum thickness is required for lining the reserve pit.
4. The slopes of the fill portion of the location shall be stabilized with riprap materials to provide for slope stability and to prevent erosion.

5. A berm and drainage ditch shall be constructed on the south edge of the location to intercept surface runoff and provide for diversion of the surface water away from the location. Riprap materials and water bars should be used in the construction of this drainage system to provide for erosion control and proper drainage.
6. Water bars should be constructed on the west (fill) portion of the location to control possible water runoff. A sediment collection system should be constructed at the base of the pad fill on the northwest corner of the location.
7. The access road should be ditched on the uphill side so as to divert all water toward the natural drainages.
8. Utilize a DV tool @ \pm 5079' (top of Kelvin) in the 7 5/8" casing string and cement with sufficient cement to provide for at least a 200' plug @ top of Kelvin Formation. Notify the Division 24 hours prior to cement job.
9. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.
10. Notification within 24 hours after commencing drilling operations.
11. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
12. Submittal of the Report of Water Encountered During Drilling, Form 7.
13. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or Mike Hebertson, Oil and Gas Field Specialist, (Home) (801)269-9212.
14. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

Page 3
Union Pacific Resources Company
Judd 34-IH Well
October 19, 1993

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-043-30301.

Sincerely,

A handwritten signature in black ink, appearing to read 'R.J. Firth', written over a printed name.

R.J. Firth
Associate Director, Oil and Gas

ldc
Enclosures
cc: Summit County Assessor
WO11

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number FEE
7. Indian Allottee or Tribe Name N/A
8. Unit or Communitization Agreement N/A
9. Well Name and Number JUDD 34-1H
10. API Well Number NOT ASSIGNED
11. Field and Pool, or Wildcat LODGEPOLE

SUNDRY NOTICES AND REPORTS ON WELLS
 Use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
 Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)
2. Name of Operator UNION PACIFIC RESOURCES COMPANY
3. Address of Operator P.O. BOX 7 MS 3407 FORT WORTH, TEXAS 76101-0007
4. Telephone Number 817-877-7952
5. Location of Well Footage : SURFACE - 711' FSL & 552 FWL County : SUMMIT QQ, Sec. T., R., M. : SW/SW SEC 34-2N-6E State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>RECYCLE PRODUCED WATER</u>	

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

UNION PACIFIC RESOURCES COMPANY PLANS TO USE PRODUCED WATER FROM THE ELKHORN 19-2X (SW/NW SEC 19-2N-7E) AS DRILLING FLUID AFTER THE 10 3/4" SURFACE CASING HAS BEEN SET.

A COPY OF THE PRODUCED WATER ANALYSIS FROM THE ELKHORN 19-2X ARE ATTACHED FOR YOUR REVIEW.

IF ADDITIONAL INFORMATION IS REQUIRED PLEASE CONTACT THE UNDERSIGNED AT 817-877-7952.

RECEIVED

OCT 19 1993
 APPROVED BY THE STATE
 OF UTAH DIVISION OF
 DIVISION OF OIL, GAS, AND MINING
 OIL, GAS & MINING 10-20-93
 BY: [Signature]

14. I hereby certify that the foregoing is true and correct

Name & Signature [Signature] Rachelle Montgomery Title Regulatory Analyst Date 10-18-93

(Use Only)

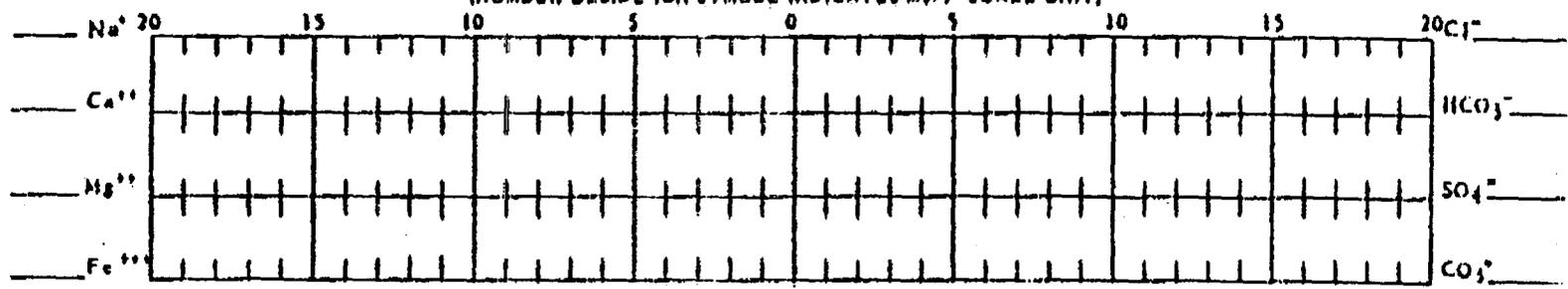


WATER ANALYSIS REPORT

COMPANY UPRC						SHEET NUMBER	
FIELD ELKHORN				COUNTY OR PARISH SUMMIT		DATE 9/28/93	
LEASE OR UNIT			WELL(S) NAME OR NO. #19-2		STATE UTAH		
DEPTH, FT.	CHL. F	SAMPLE SOURCE GAS BURST	TEMP. F	WATER, BBL/DAY	OIL, BBL/DAY	GAS, MMCF/DAY	
DATE SAMPLED 9/27 0900		TYPE OF WATER <input checked="" type="checkbox"/> PRODUCED <input type="checkbox"/> SUPPLY <input type="checkbox"/> WATERFLOOD <input type="checkbox"/> SALT WATER DISPOSAL					

WATER ANALYSIS PATTERN

(NUMBER BESIDE ION SYMBOL INDICATES mg/l* SCALE UNIT)



DISSOLVED SOLIDS

CATIONS	mg/l*	mg/l*
Total Hardness	<u>260</u>	<u>3320</u>
Calcium, Ca ⁺⁺	<u>166</u>	<u>1147</u>
Magnesium, Mg ⁺⁺	<u>94</u>	<u>11</u>
Iron (Total) Fe ⁺⁺⁺	<u>0.6</u>	<u>2</u>
Barium, Ba ⁺⁺	<u>1/5R</u>	
Sodium, Na ⁺ (calc.)		
<hr/>		
ANIONS	mg/l*	mg/l*
Chloride, Cl ⁻	<u>772</u>	<u>27,400</u>
Sulfate, SO ₄ ⁻⁻	<u>13</u>	<u>625</u>
Carbonate, CO ₃ ⁼		
Bicarbonate, HCO ₃ ⁻	<u>3.1</u>	<u>189</u>
Hydroxyl, OH ⁻		
Sulfide, S ⁼		

DISSOLVED GASES

Hydrogen Sulfide, H ₂ S	_____	mg/l*
Carbon Dioxide, CO ₂	_____	mg/l*
Oxygen, O ₂	_____	mg/l*
<hr/>		
PHYSICAL PROPERTIES		
pH	<u>6.4</u>	
Eh (Redox Potential)	_____	MV
Specific Gravity	_____	
Turbidity, JTU Units	_____	
Total Dissolved Solids (calc.)	<u>32,692</u>	mg/l*
Stability Index @ _____ F	_____	
CaSO ₄ Solubility @ _____ F	_____	mg/l*
Max. CaSO ₄ Possible (calc.)	_____	mg/l*
Max. BaSO ₄ Possible (calc.)	_____	mg/l*
Residual Hydrocarbons	_____	ppm (Vol./Vol)

SUSPENDED SOLIDS (QUALITATIVE)

Iron Sulfide Iron Oxide Calcium Carbonate Acid Insoluble

REMARKS AND RECOMMENDATIONS:

*NOTE: me/l and mg/l are commonly used interchangeably for epm and ppm respectively. Where epm and ppm are used, corrections should be made for specific gravity.

ENGINEER W.C. VICKERS	DIST. NO.	ADDRESS	OFFICE PHONE	HOME PHONE
ANALYZED W.C. VICKERS	DATE 9/28/93	DISTRIBUTION <input type="checkbox"/> CUSTOMER <input type="checkbox"/> AREA OR <input type="checkbox"/> DISTRICT OFFICE		



WATER ANALYSIS REPORT

COMPANY UPRC							SHEET NUMBER
FIELD ELKHORN					COUNTY OR PARISH SUMMIT		DATE 9/28/93
LEASE OR UNIT			WELL(S) NAME OR NO. #19-2		WATER SOURCE (FORMATION)		STATE UTAH
DEPTH, FT.	GHT, F	SAMPLE SOURCE	TEMP. F	WATER, BBL/DAY	OIL, BBL/DAY	GAS, MMCF/DAY	
DATE SAMPLED 9/26/93		TYPE OF WATER <input checked="" type="checkbox"/> PRODUCED <input type="checkbox"/> SUPPLY <input type="checkbox"/> WATERFLOOD <input type="checkbox"/> SALT WATER DISPOSAL					

WATER ANALYSIS PATTERN
(NUMBER BESIDE ION SYMBOL INDICATES mg/l* SCALE UNIT)

Na ⁺	20	15	10	5	0	5	10	15	20	Cl ⁻
Ca ⁺⁺										HCO ₃ ⁻
Mg ⁺⁺										SO ₄ ⁼
Fe ⁺⁺⁺										CO ₃ ⁼

DISSOLVED SOLIDS

CATIONS	me/l*	mg/l*
Total Hardness	<u>200</u>	<u>3000</u>
Calcium, Ca ⁺⁺	<u>150</u>	<u>610</u>
Magnesium, Mg ⁺⁺	<u>50</u>	<u>210</u>
Iron (Total) Fe ⁺⁺⁺	<u>1.4</u>	<u>12</u>
Barium, Ba ⁺⁺ /SR	<u>82</u>	<u>82</u>
Sodium, Na ⁺ (calc.)		
<hr/>		
ANIONS	me/l*	mg/l*
Chloride, Cl ⁻	<u>507</u>	<u>18,000</u>
Sulfate, SO ₄ ⁼	<u>4</u>	<u>200</u>
Carbonate, CO ₃ ⁼		
Bicarbonate, HCO ₃ ⁻	<u>2.7</u>	<u>1165</u>
Hydroxyl, OH ⁻		
Sulfide, S ⁼		

DISSOLVED GASES

Hydrogen Sulfide, H ₂ S	_____ mg/l*
Carbon Dioxide, CO ₂	_____ mg/l*
Oxygen, O ₂	_____ mg/l*

PHYSICAL PROPERTIES

pH	<u>6.3</u>
Eh (Redox Potential)	_____ MV
Specific Gravity	_____
Turbidity, JTU Units	_____
Total Dissolved Solids (calc.)	<u>22,001</u> mg/l*
Stability Index @ ___ F	_____
@ ___ F	_____
CaSO ₄ Solubility @ ___ F	_____ mg/l*
@ ___ F	_____ mg/l*
Max. CaSO ₄ Possible (calc.)	_____ mg/l*
Max. BaSO ₄ Possible (calc.)	_____ mg/l*
Residual Hydrocarbons	_____ ppm (Vol. Vol)

SUSPENDED SOLIDS (QUALITATIVE)

Iron Sulfide Iron Oxide Calcium Carbonate Acid Insoluble

REMARKS AND RECOMMENDATIONS:

*NOTE: me/l and mg/l are commonly used interchangeably for ppm and ppm respectively. Where ppm and ppm are used, corrections should be made for specific gravity.

ENGINEER W. C. VICKERS	DIST. NO.	ADDRESS	OFFICE PHONE	HOME PHONE
ANALYZED W. C. VICKERS	DATE 9/28/93	DISTRIBUTION <input type="checkbox"/> CUSTOMER <input type="checkbox"/> AREA OR <input type="checkbox"/> DISTRICT OFFICE		



WATER ANALYSIS REPORT

COMPANY UPRC						SHEET NUMBER	
FIELD ELKHORN						DATE 9/28/93	
LEASE OR UNIT				WELL(S) NAME OR NO. #19-2		COUNTY OR PARISH SUMMIT	
STATE UTAH						WATER SOURCE (FORMATION)	
DEPTH, FT.	BIT, F	SAMPLE SOURCE	TEMP, F	WATER, BBL/DAY	OIL, BBL/DAY	GAS, MMCF/DAY	
DATE SAMPLED 9/24/93	1400	TYPE OF WATER <input checked="" type="checkbox"/> PRODUCED <input type="checkbox"/> SUPPLY <input type="checkbox"/> WATERFLOOD <input type="checkbox"/> SALT WATER DISPOSAL					

WATER ANALYSIS PATTERN
(NUMBER BESIDE ION SYMBOL INDICATES mg/l* SCALE UNIT)

Na ⁺ 20	15	10	5	0	5	10	15	20	Cl ⁻
Ca ⁺⁺									HCO ₃ ⁻
Mg ⁺⁺									SO ₄ ⁼⁼
Fe ⁺⁺⁺									CO ₃ ⁼⁼

DISSOLVED SOLIDS

CATIONS

Total Hardness
Calcium, Ca⁺⁺
Magnesium, Mg⁺⁺
Iron (Total) Fe⁺⁺⁺
Barium, Ba⁺⁺ / SR
Sodium, Na⁺ (calc.)

mg/l*	mg/l*
<u>160</u>	<u>520</u>
<u>26</u>	<u>1635</u>
<u>134</u>	<u>4</u>
<u>0.2</u>	<u>0</u>
<u>0</u>	<u>0</u>

ANIONS

Chloride, Cl⁻
Sulfate, SO₄⁼⁼
Carbonate, CO₃⁼⁼
Bicarbonate, HCO₃⁻
Hydroxyl, OH⁻
Sulfide, S⁼⁼

mg/l*	mg/l*
<u>192</u>	<u>6,800</u>
<u>5</u>	<u>250</u>
<u>4.1</u>	<u>250</u>
<u>0</u>	<u>0</u>
<u>0</u>	<u>0</u>

DISSOLVED GASES

Hydrogen Sulfide, H₂S _____ mg/l*
Carbon Dioxide, CO₂ _____ mg/l*
Oxygen, O₂ _____ mg/l*

PHYSICAL PROPERTIES

pH 6.9
Eh (Redox Potential) _____ MV
Specific Gravity _____
Turbidity, JTU Units _____
Total Dissolved Solids (calc.) 9,459 mg/l*
Stability Index @ _____ F _____
@ _____ F _____
CaSO₄ Solubility @ _____ F _____ mg/l*
@ _____ F _____ mg/l*
Max. CaSO₄ Possible (calc.) _____ mg/l*
Max. BaSO₄ Possible (calc.) _____ mg/l*
Residual Hydrocarbons _____ ppm (Vol/Vol)

SUSPENDED SOLIDS (QUALITATIVE)

Iron Sulfide Iron Oxide Calcium Carbonate Acid Insoluble

REMARKS AND RECOMMENDATIONS:

* NOTE: me/l and mg/l are commonly used interchangeably for epm and ppm respectively. Where epm and ppm are used, corrections should be made for specific gravity.

ENGINEER W. C. VICKERS	DIST. NO.	ADDRESS	OFFICE PHONE	HOME PHONE
ANALYZED W. C. VICKERS	DATE 9/28/93	DISTRIBUTION <input type="checkbox"/> CUSTOMER <input type="checkbox"/> AREA OR <input type="checkbox"/> DISTRICT OFFICE		

6. Lease Designation and Serial Number FEE
7. Indian Allottee or Tribe Name N/A
8. Unit or Communitization Agreement N/A
9. Well Name and Number JUDD 34-1H
10. API Well Number
11. Field and Pool, or Wildcat LODGEPOLE

SUNDRY NOTICES AND REPORTS ON WELLS

Use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT—for such proposals

Type of Well
 Oil Well Gas Well Other (specify) _____

Name of Operator
UNION PACIFIC RESOURCES COMPANY

Address of Operator
 P.O. BOX 7 MS 3407 FORT WORTH, TEXAS 76101-0007

Location of Well
 Footage : 711' FSL & 552' FWL
 Q.Q. Sec. T., R., M. : SW/SW SEC 34-2N-6E

4. Telephone Number
 817-877-7952

County : SUMMIT
 State : UTAH

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>TO SPUD</u>	

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
 * Must be accompanied by a cement verification report.

DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

THIS IS NOTIFICATION THAT UPRC INTENDS TO SPUD THE SUBJECT WELL 10-23-93.

A REVISED LOCATION MAP WITH CORRECTED BHL OF 1980' FWL & 660' FNL IS ATTACHED.

DISCLOSURE

SEP 27 1993

DIVISION OF
OIL, GAS & MINING

I hereby certify that the foregoing is true and correct

Rachelle Montgomery
 Name & Signature: R. MONTGOMERY Title: REGULATORY ANALYST Date: 10-22-93

(Use Only)

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: U. P. R. C.

WELL NAME: JUDD 34-1H

API NO. 43-043-30301

Section 34 Township 2N Range 6E County SUMMIT

Drilling Contractor SST

Rig # 56

SPUDDED: Date 10/23/93

Time 9:00 PM

How ROTARY

Drilling will commence _____

Reported by DON PARENKOSKI

Telephone # _____

Date 10/23/93 SIGNED FRM

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING INSPECTION FORM

COMPANY: UNION PACIFIC RESOURCES COMPANY REP: DON PRESTENKOWSKI

WELL NAME: JUDD 34-1H API NO: 43-043-30301

QTR/QTR: SW SW SECTION: 34 TWP: 2 N RANGE: 6 E

CONTRACTOR: SST RIG NUMBER: 56

INSPECTOR: HEBERTSON TIME: 12:00 PM DATE: 10/29/93

OPERATIONS: DRILLING AHEAD DEPTH: 1160'

SPUD DATE: DRY: _____ ROTARY: 10-23-93 PROJECTED T.D.: 11,000

=====

WELL SIGN: N SANITATION: Y BOPE: Y BLOOIE LINE: N

H2S POTENTIAL: NA ENVIRONMENTAL: Y FLARE PIT: Y

RESERVE PIT: Y FENCED: Y LINED: Y PLASTIC: Y

RUBBER: _____ BENTONITE: _____ OTHER: _____ MUD WEIGHT 9.0 LBS/GAL

BOPE TEST RECORDED IN THE RIG DAILY TOUR BOOK: NA

BOPE TRAINING RECORDED IN THE RIG DAILY TOUR BOOK: NA

=====

LEGEND: (Y)=YES (U)=UNKNOWN (NA)=NOT APPLICABLE

=====

REMARKS:

LOCATION IS BEING STABILIZED WITH GROUND COVER NETTING

WATER BARS ARE BEING CONSTRUCTED.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
CEMENTING OPERATIONS

COMPANY NAME: UNION PACIFIC RESOURCES API NO: 43-043-30301

WELL NAME: JUDD 34-1H

QTR/QTR SW SW SECTION 34 TOWNSHIP 2 N RANGE 6 E

CEMENTING COMPANY: DOWELL/SCHLUMBERGER WELL SIGN: YES

INSPECTOR: MATTHEWS DATE: 10/31/93

CEMENTING OPERATIONS: PLUGBACK: SQUEEZE: P&A ZONE:

SURFACE CASING: Y INTERMEDIATE: PROD CASING:

PERFORATIONS: SQUEEZE PRESSURE:

CASING INFORMATION:

SIZE: 10 3/4 GRADE: 45.5 K-55 HOLE SIZE: 14 3/4 DEPTH: 2,000

SLURRY INFORMATION:

1. CLASS: G 35:65 POZ 6% GEL G 250 SK W/.25#/SK
LEAD : .25#/SK CELLO 1200 SKS TAIL: CELLOFLAKES

2. SLURRY WEIGHT LBS. PER GALLON:
LEAD: 12.7 TAIL: 15.8

3. WATER (GAL/SX)
LEAD: 9.44 TAIL: 5.02

4. COMPRESSIVE STRENGTH:
PSI @ HRS. HRS

PIPE CENTRALIZED: Y CEMENTING STAGES: 1

LOST RETURNS: Y REGAIN RETURNS: Y BARRELS LOST:

TOP OF CEMENT: SURFACE PERFORATED INTERVAL:

PRIMARY CEMENT TO SURFACE: YES

1 INCH INFORMATION: WEIGHT: 15.8 CEMENT TO SURFACE: Y

FEET: 100 SX: CLASS: G %SALTS: RETURNS: Y

ADDITIONAL COMMENTS: LOST 50% RETURNS AFTER PUMPING FOR 33 MIN

 CIRCULATED 115 BBLs CMT TO SURFACE, 360 SKX 35/65 POZ. RATTY CMT

 TO SURFACE WHEN PLUG WAS DROPPED

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING INSPECTION FORM

COMPANY: UPRC COMPANY REP: BOBBY COOPER

WELL NAME: JUDD 34-1H API NO: 43-043-30301

QTR/QTR: _____ SECTION: 34 TWP: 2N RANGE: 6E

CONTRACTOR: SST RIG NUMBER: 56

INSPECTOR: FRM TIME: 9:30 AM DATE: 11/4/93

OPERATIONS: DRILLING AHEAD DEPTH: 2748'

SPUD DATE: DRY: _____ ROTARY: 10/23/93 PROJECTED T.D.: 15,459 MD

=====

WELL SIGN: Y SANITATION: Y BOPE: Y BLOOIE LINE: Y

H2S POTENTIAL: N ENVIRONMENTAL: Y FLARE PIT: Y

RESERVE PIT: Y FENCED: _____ LINED: Y PLASTIC: Y-12 MIL

RUBBER: _____ BENTONITE: _____ OTHER: _____ MUD WEIGHT 9.1 LBS/GAL

BOPE TEST RECORDED IN THE RIG DAILY TOUR BOOK: _____

BOPE TRAINING RECORDED IN THE RIG DAILY TOUR BOOK: _____

=====

LEGEND: (Y)=YES (U)=UNKNOWN (NA)=NOT APPLICABLE

=====

REMARKS:

TOOK TWO TOP JOBS OF 200 SX + 2% CACL2 TO BRING CEMENT TO THE SURFACE.

3 Triad Center
Suite 350
Salt Lake City, Ut.
84180-1203

OPERATOR Union Pacific Resources Co OPERATOR ACCT. NO. N 9465
ADDRESS PO Box 7 MS 2602
Fort Worth, Tx 76101-0007

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11607	43-043-30301	Quadd 34-1 H	SWSW	34	2N	6E	Summit	10/23/93	
WELL 1 COMMENTS: <i>Lodgepole Field</i> (711' FSL, 552' FWL) <i>Twin Creek Formation</i>											
WELL 2 COMMENTS: <i>Entity added 11-18-93. See.</i>											
RECEIVED NOV 12 1993 DIVISION OF OIL, GAS & MINING											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)
 A - Establish new entity for new well (single well only)
 B - Add new well to existing entity (group or unit well)
 C - Re-assign well from one existing entity to another existing entity
 D - Re-assign well from one existing entity to a new entity
 E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Casly Fluman
Signature
Qv. Accountant 11/8/93
Title Date
Phone No. 817,877-6467

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
CEMENTING OPERATIONS

COMPANY NAME: UPRC API NO: 43-043-30301

WELL NAME: JUDD 34-1H

QTR/QTR SW/SW SECTION 34 TOWNSHIP 2N RANGE 6E

CEMENTING COMPANY: DOWELL WELL SIGN: N

INSPECTOR: JLT DATE: 12/11/93

CEMENTING OPERATIONS: PLUGBACK: SQUEEZE: P&A ZONE:

SURFACE CASING: INTERMEDIATE: PROD CASING: 7 5/8

PERFORATIONS: SQUEEZE PRESSURE:

CASING INFORMATION:

SIZE: 7 5/8" GRADE: HOLE SIZE: DEPTH: 10,962

SLURRY INFORMATION:

1. CLASS:
LEAD : TAIL:

2. SLURRY WEIGHT LBS. PER GALLON:
LEAD: TAIL:

3. WATER (GAL/SX) |
LEAD: TAIL:

4. COMPRESSIVE STRENGTH:
PSI @ HRS. HRS

PIPE CENTRALIZED: CEMENTING STAGES: 2

LOST RETURNS: REGAIN RETURNS: BARRELS LOST:

TOP OF CEMENT: PERFORATED INTERVAL:

PRIMARY CEMENT TO SURFACE:

1 INCH INFORMATION: WEIGHT: CEMENT TO SURFACE:

FEET: SX: CLASS: %SALTS: RETURNS:

ADDITIONAL COMMENTS: First stage-circulated 1 hr. ran 915 sx class class "G" 50% over. DV tool set @ 5100'-Second stage dropped bomb to open tool, tool opened @ 1000 #'s, circ 30 min, pumped 515 sxs 35-65 poz, 6% gel, pumped 214 bbls, class "G", displaced w/234 bbls of mud. Ran BOPE test 12/12/93.

DOUBLE JACK TESTING & SERVICES, INC.

B.O.P. Test Report

RECEIVED

JAN 1 8 1994

DIVISION OF
OIL, GAS & MINING

B.O.P. Test performed on (date) 11-2-93
oil company UPRC
Well Name & Number Judd 34-1H 43-043-30301
Section 34
Township 2N
Range 6E
County Summit, Utah
Drilling Contractor SST 56
Oil Company Site Representative Don
Rig Tool Pusher Doc
Tested out of Evanston, WY
Notified Prior to Test _____
Copies of this Test Report sent to: UPRC
SST
Utah BLM
Utah State

Original Chart & Test Report on File at: _____

Evanston, WY

Tested by: Double Jack Testing & Services, Inc.
108 Parkview Road
P.O. Box 2097
Evanston, Wyoming 82930

Double Jack Testing & Services Inc.

FIELD TICKET
10292

Accounting Office: P.O. Box 818, Shoshoni, WY 82649 • (307) 876-9390
 Field Operations: Shoshoni, WY (307) 876-2308
 Rock Springs, WY (307) 382-4020
 Evanston, WY (307) 789-9213
 Vernal, UT (801) 781-0448
 Durango, CO (303) 259-5926

DATE 11-2-93
 OPERATOR UPRC
 RIG NAME & NO. 361 56
 WELL NAME & NO. Judd 34-1H

COUNTY	STATE	SECTION	TOWNSHIP	RANGE
<u>Converse</u>	<u>WY</u>	<u>34</u>	<u>2N</u>	<u>6E</u>
ITEMS TESTED	LOW TEST PSI	TIME HELD MINUTES	HIGH TEST PSI	TIME HELD MINUTES
Top Pipe Rams	<u>250 psi</u>	<u>5 min.</u>	<u>3500 psi</u>	<u>10 min.</u>
Bottom Pipe Rams	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
Blind Rams	<u>250 psi</u>	<u>—</u>	<u>3500 psi</u>	<u>—</u>
Annular B.O.P.	<u>250 psi</u>	<u>—</u>	<u>1500 psi</u>	<u>—</u>
Choke Manifold	<u>250 psi</u>	<u>—</u>	<u>3500 psi</u>	<u>—</u>
Choke Line	<u>250 psi</u>	<u>—</u>	<u>3500 psi</u>	<u>—</u>
Kill Line	<u>200 psi</u>	<u>—</u>	<u>3500 psi</u>	<u>—</u>
Subst Choke	<u>200 psi</u>	<u>—</u>	<u>3500 psi</u>	<u>—</u>
Upper Rally	<u>200 psi</u>	<u>—</u>	<u>3500 psi</u>	<u>—</u>
Lower Rally	<u>200 psi</u>	<u>—</u>	<u>3500 psi</u>	<u>—</u>
Fiber Valve	<u>250 psi</u>	<u>—</u>	<u>3500 psi</u>	<u>—</u>
Barl Valve	<u>200 psi</u>	<u>—</u>	<u>3500 psi</u>	<u>—</u>
Casing	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

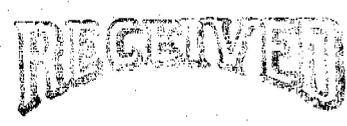
Closing Unit Psi 3000
 Closing Time of Rams 7 sec
 Closing Time of Annular 19 sec
 Closed Casing Head Valve YES
 Set Wear Sleeve YES

COMMENTS

ADDITIONAL TESTS & COMMENTS

Filled Manifold with Methanol !!
Test Casing with Rig Pump !!

TEST PLUG 10" FMC
 RET. TOOL 4 1/2 IF
 TOP SUB. 4 1/2 IF
 KELLY SUB. 4 1/2 IF
 X-OVER SUB. —



JAN 4 1994

DIVISION OF
OIL, GAS & MINING

COMPANY

LEASE AND WELL NAME #

DATE OF TEST

RIG # AND NAME

UPRC

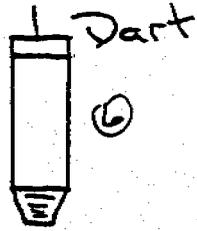
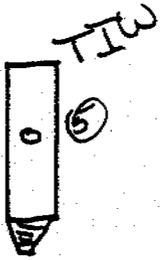
Judd 34-1H

11-2-93

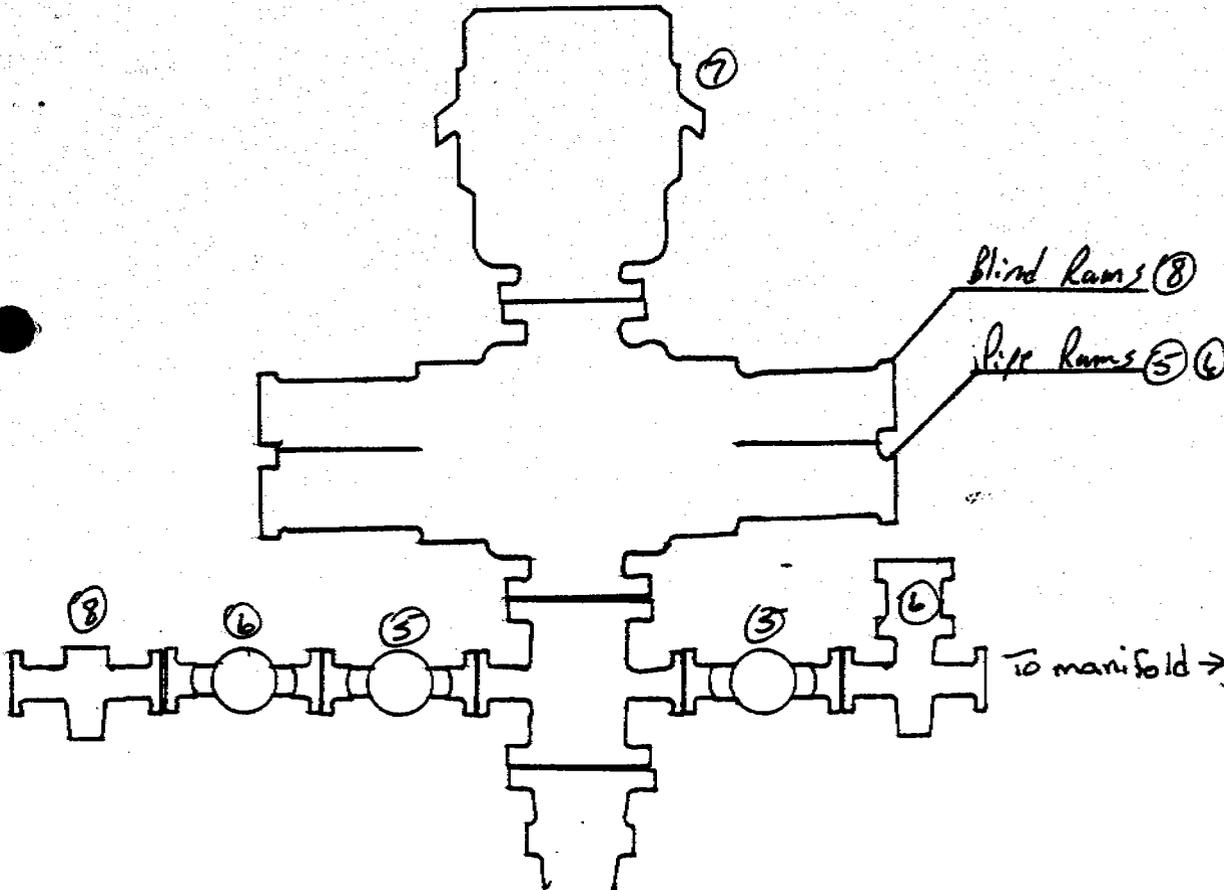
SST # 56

TEST #	TIME	
①	3:05-3:10	1 st set of manifold valves
	3:10-3:20	250 psi 5 min. 3000 psi 10 min.
②	3:30-3:35	2 nd set of manifold valves
	3:35-3:45	250 psi 5 min. 3000 psi 10 min.
③	4:15-4:20	Lower Kelly
	4:20-4:30	250 psi 5 min. 3500 psi 10 min.
④	4:35-4:40	Upper Kelly
	4:40-4:50	250 psi 5 min. 3500 psi 10 min.
⑤	5:50-5:55	Pipe Rams, inside Kill, inside choke, TIW
	5:55-6:05	250 psi 5 min. 3500 psi 10 min.
⑥	6:15-6:20	Pipe Rams, outside Kill, H&T, Dart
	6:20-6:30	250 psi 5 min. 3500 psi 10 min.
⑦	6:35-6:40	HyDril
	6:40-6:50	250 psi 5 min. 1500 psi 10 min.
⑧	6:55-7:00	blind Rams, Check, super choke
	7:00-7:10	250 psi 5 min. 3500 psi 10 min.

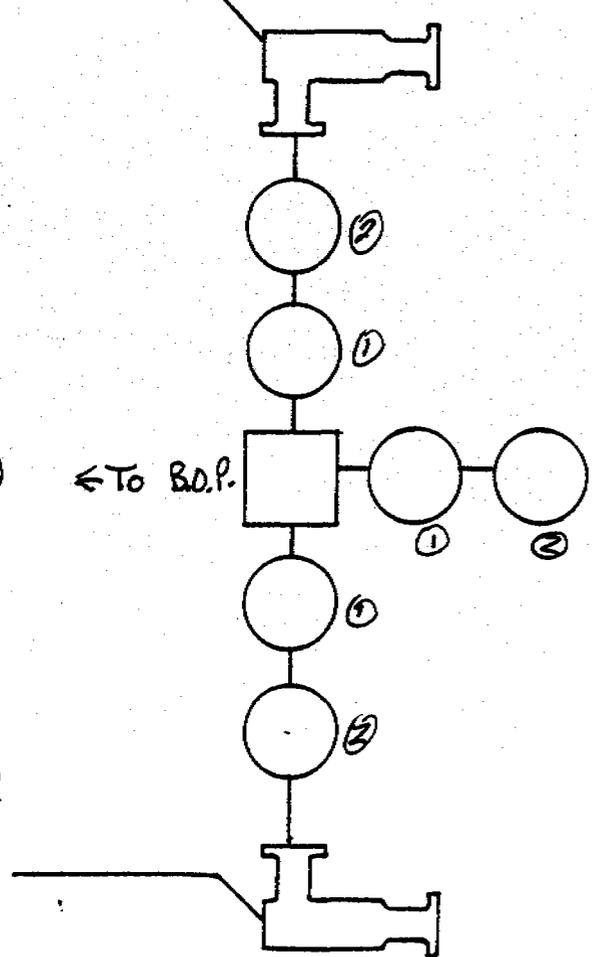
④ upper Kelly

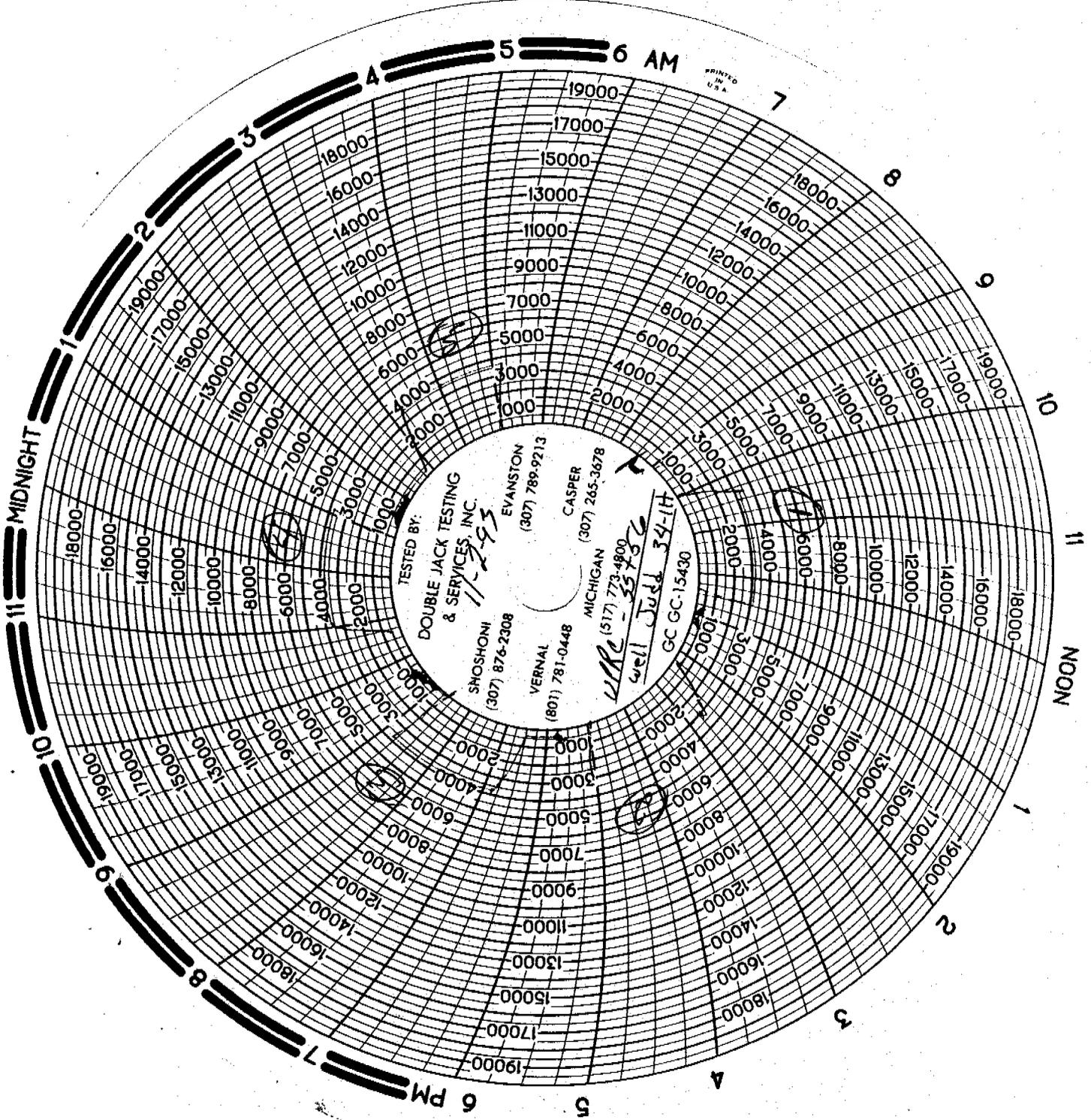


③ Lower Kelly

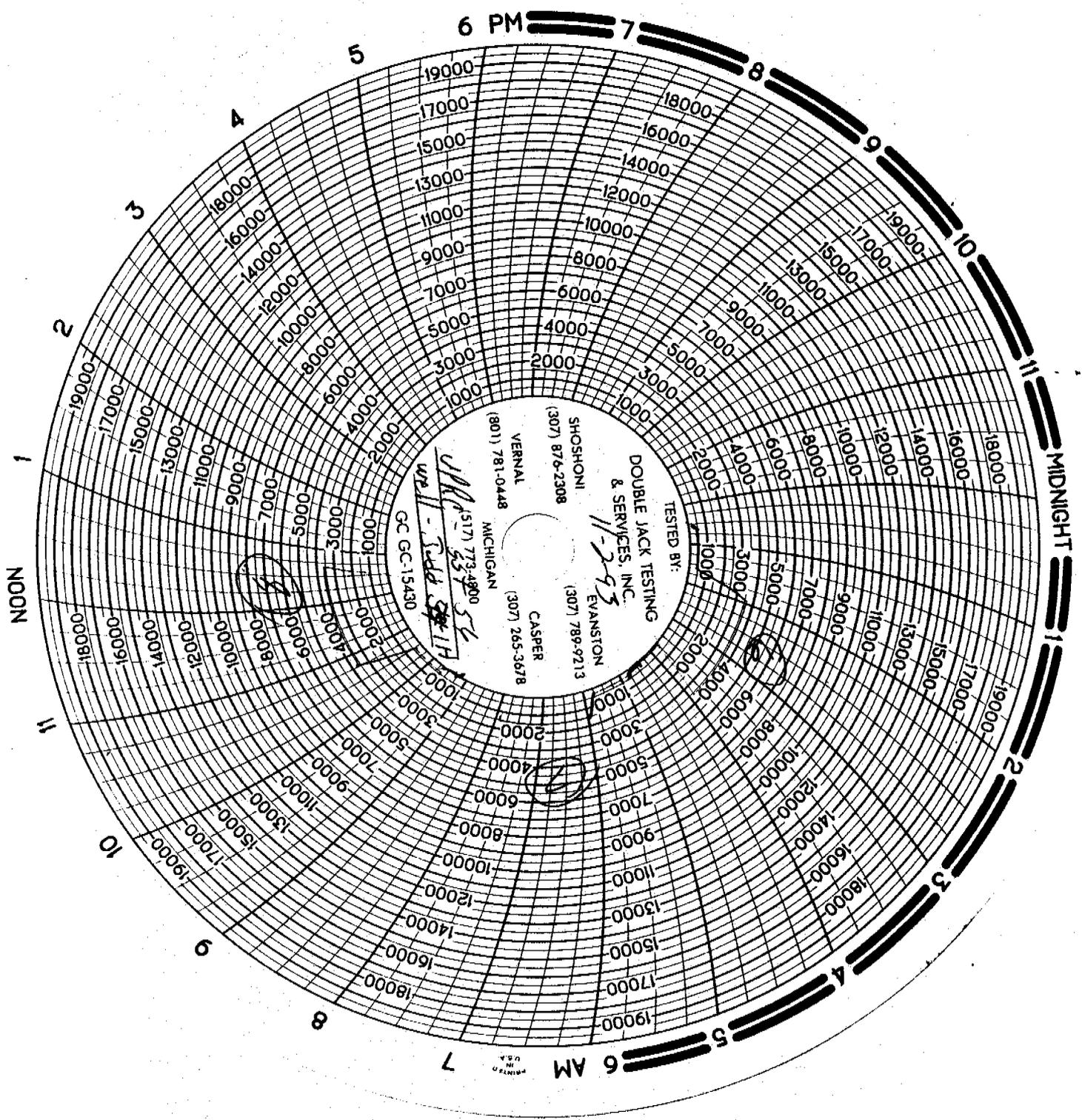


superchoke ⑧





TESTED BY:
DOUBLE JACK TESTING
& SERVICES, INC.
SHOSHONI (307) 876-2308
EVANSTON (307) 789-9213
VERNAL (807) 781-0448
CASPER (307) 265-3678
MICHIGAN (517) 773-4800
GC GC-15430
Well Judd 34-1H



6 PM 7

5

4

3

2

1

NOON

11

10

9

8

7

6 AM

MIDNIGHT

1

2

3

4

5

PRINTED IN U.S.A.

DOUBLE JACK TESTING & SERVICES, INC.
TESTED BY: 11-2-93
SHOSHONI (307) 876-2308
EVANSTON (307) 789-9213
CASPER (307) 265-3678
VERNAL (801) 781-0448 MICHIGAN
GC GC 15430
GC GC 15430

WR - Todd Sp... 11/1
557-4800



**Union Pacific
Resources**

A Subsidiary of Union Pacific Corporation

January 24, 1994

RECEIVED

IAN 28 1994

Debra Eatchel
State of Utah
Dept. of Natural Resources
Division of Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

DIVISION OF
GAS & MINING

Dear Ms. Eatchel:

I am writing to request that you keep all records and production data confidential for the maximum thirteen (13) month period on our Judd #34-1H. This well is located in SW SW Section 34 T2N R6E.

43-043-30301

Your cooperation in this matter is greatly appreciated. If you have any questions, please don't hesitate to call me at (817) 877-6763.

Sincerely,

Ross Matthews

mm/de2.ltr

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL GAS OTHER:

CONFIDENTIAL

2. Name of Operator:
Union Pacific Resources Company

3. Address and Telephone Number:
P.O. Box 7 MS 3407 Fort Worth, Texas 76101-0007 817-877-6530

4. Location of Well
Footages: 711' FSL to 552' FWL (SL) 660' FNL to 1980' FWL (BHL)
OO, Sec., T., R., M.: SW/SW Sec. 34-2N-6E

5. Lease Designation and Serial Number:

Fee

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Judd 34-1H

9. API Well Number:

43-043-30301

10. Field and Pool, or Wildcat:

Lodgepole

County: Summit

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other _____
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- Abandonment *
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other Spud & Chronological report
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please be advised the above-mentioned well spud on 10-23-93 by SST # 56 rig.

Attached for your records is the chronological report of the above well from spud to today's date.

If further information is needed, please contact the undersigned at 817-877-6530.

RECEIVED

FEB 01 1994

DIVISION OF
OIL, GAS & MINING

13.

Name & Signature: Cami Minzenmayer / Cami Minzenmayer Title: Regulatory Analyst Date: 01-31-94

(This space for State use only)

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
 AFE No. :15507
 FIELD :LODGEPOLE UTAH

WELL No. :#1H
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 1 TO REPORT No. 13

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
10/24/93	162.0		<p>AFE #15507 IN THE AMOUNT OF \$2725M TO DRILL, COMPLETE, & EQUIP A 15459' (11617' TVD) HORIZONTAL TWIN CREEK TEST WELL IN THE LODGEPOLE FIELD. NEW WELL LOCATED 711' FSL, 552' FWL, SECTION 34, T2N, R6E, SUMMIT CO., UT. 7613' RKB (24' GL KB). API# 49-043-30301</p> <p>06:00 10:00 RIG UP 10:00 18:00 WELD DRILLING NIPPLE ON CONDUCTOR, MIX MUD, NU FLOWLINE, PU RENTAL TOOLS FOR BIG DCS. RIG ON DAYWORK @ 1000 HRS. 10/23/93. 18:00 21:00 PU/LD BHA & TOOLS - GAUGE, STRAP, PU BHA, TAG CEMENT @ 71', SPUD WELL @ 2100 HRS. 10/23/93. 21:00 21:30 DRILL CEMENT 71-77' 21:30 05:00 DRILL ROTATE 77-162' - RUNNING 60-90 RPM/100 SPM ON 1 PUMP UNTIL 8" DCS ARE BELOW CONDUCTOR. NO ROUGH SPOTS, DRILLING 100% CLAY.</p> <p>INFORMED UTAH DEPT. OF NATURAL RESOURCES (FRANK MATTHEWS) OF WELL SPUD DATE & TIME @ 2105 HRS. 10/23/93.</p> <p>DRLG./24 HRS.:7.5 HRS./CUM.:7.5 HRS.\FUEL/24 HRS.:0 GALS./CUM.:0 GALS.\8.0 CUM. ROT. HRS. SINCE LAST BHA INSPECTION.</p> <p>WEATHER: CLEAR, CALM, 32 DEG. F./LOC. & ACCESS: GOOD</p>
10/25/93	453.0		<p>05:00 05:30 WIRELINE SURVEY @ 147' - 3.0 DEG. SUSPECT SURVEY IN ERROR, DECIDE TO DRILL AHEAD 30' & SURVEY AGAIN. 05:30 07:30 DRILL 162-192' - 10M# WOB. 90 RPM/100 SPM ON 1 PUMP UNTIL LARGE DCS ARE BURIED BELOW CONDUCTOR. 07:30 08:00 WIRELINE SURVEY @ 177' - .75 DEG. (SURVEY @ 147' APPARENTLY IN ERROR - DISREGARDED). 08:00 08:30 TRIP - INSTALL 2ND IBS @ 110' ABOVE BIT (1ST IBS 75' ABOVE BIT). 08:30 14:30 DRILL 192-275' - CONT'D RUNNING 10M# WOB & 90 RPM/100 SPM ON 1 PUMP UNTIL LARGE DCS BELOW CONDUCTOR. 14:30 15:00 WIRELINE SURVEY @ 260' - 1.0+ DEG. 15:00 20:00 DRILL 275-338' - ROP STILL GOOD/CONT'D RUNNING 10M# WOB. STILL RUNNING 90 RPM/100 SPM ON 1 PUMP UNTIL LARGE DCS CLEAR CONDUCTOR. 20:00 20:30 WIRELINE SURVEY @ 323' - 1.25 DEG. 20:30 05:00 DRILL 338-453' - 15M# WOB/INCREASE TO 120 RPM/100 SPM ON EACH PUMP @ 400'.</p> <p>DRILLING 100% CLAY. SOME MINOR ROUGH SPOTS, NO OTHER PROBLEMS.</p> <p>DRLG./24 HRS.:21.5 HRS./CUM.:29.0 HRS.\FUEL/24 HRS.:7200 GALS./CUM.:7200 GALS.\29.5 CUM. ROT. HRS. SINCE LAST BHA INSPECTION.</p> <p>WEATHER: CLEAR, CALM, 35 DEG. F./LOC. & ACCESS: GOOD</p>
10/26/93	751.0	05:00 08:00	<p>DRILL 453-484' - 15M# WOB & 120 RPM</p>

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
 AFE No. :15507
 FIELD :LODGEPOLE UTAH

WELL No. :#1H
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 1 TO REPORT No. 13

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
------	-------	------	------------------------

		08:00 08:30	WIRELINE SURVEY @ 469' - 1.25 DEG.
		08:30 19:30	DRILL 484-636' - 20-25M# WOB & 120 RPM.
		19:30 20:00	WIRELINE SURVEY @ 621' - 0 DEG.
		20:00 05:00	DRILL 636-751' - 30M# WOB & 120 RPM
			DRILLING 100% CLAY. HAVING INTERMITTENT PROBLEMS WITH BIT BALLING. NO BOULDERS LAST 24 HRS. START REDUCING VIS. ON MUD TO HELP ROP.
			DRLG./24 HRS.:23.0 HRS./CUM.:52.0 HRS.\FUEL/24 HRS.:0 GALS./CUM.:7200 GALS.\52.5 CUM. ROT. HRS. SINCE LAST BHA INSPECTION.
			STARTED SETTING WATER BARRIERS ALONG EDGES OF FILL ON LOCATION PAD PER STATE STIPULATIONS.
			USABLE DRILL STRING INVENTORY AS OF 10/25/93: 3 - 9 1/2" RENTED DCS 15 - 8" DCS 20 - 6 1/2" DCS 35 - 4 3/4" RENTED DCS 94 JTS. 5", 25.6#, GRADE 'E' DRILLPIPE 209 JTS. 5", 19.5#, GRADE 'G-105' DRILLPIPE 5 JTS. 5", 25.6#, GRADE 'G-105' DRILLPIPE 476 JTS., 4", 14.0#, 'S-135' RENTED DRILLPIPE
			WEATHER: PARTLY CLOUDY, 5 MPH WIND/E, 23 DEG. F./LOC. & ACCESS: GOOD
10/27/93	1013.	05:00 07:30	DRILL 751-790' - 30M# WOB & 120 RPM
		07:30 08:00	WIRELINE SURVEY @ 775' - 0.5 DEG.
		08:00 17:00	DRILL 790-883' - 35M# WOB & 120 RPM. ROP SLOWING, INCREASE WOB TO 40M# IN ATTEMPT TO IMPROVE ROP.
		17:00 17:30	WIRELINE SURVEY @ 868' - 1.5 DEG.
		17:30 18:30	DRILL 883-893' - REDUCE WOB TO 30M# FOR DEVIATION, TURN 120 RPM, ROP FALLING FROM 5-6 MPF TO 10 MPF.
		18:30 23:30	TRIP - TO CHECK BIT, NO TIGHT HOLE ON TOH, SLM NO CORR., IBS'S BOTH GAUGED 1/16" UNDER, BIT #1 SLIGHTLY WORN ON GAUGE ROW CHANGE OUT, TIH, NO FILL.
		23:30 05:00	DRILL 893-1013' - 25M# WOB & 100-110 RPM
			DRILLING 10-15% CONGLOMERATE, 90-85% CLAY.
			DRLG./24 HRS.:18.0 HRS./CUM.:70.0 HRS.\FUEL/24 HRS.:0 GALS./CUM.:7200 GALS.\70.5 CUM. ROT. HRS. SINCE LAST BHA INSPECTION.
			REC'D 32 JTS., 10 3/4", 45.5#, K-55, STC CASING 10/26/93.
			WEATHER: PARTLY CLOUDY, CALM, 26 DEG. F./LOC. & ACCESS: GOOD
10/28/93	1354.	05:00 07:00	DRILL 1013-1069' - 25-30M# WOB/110 RPM
		07:00 07:30	WIRELINE SURVEY @ 1045' - 0.25 DEG.
		07:30 17:00	DRILL 1069-1194' - 30-35M# WOB/110 RPM IN SOFT

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
 AFE No. :15507
 FIELD :LODGEPOLE UTAH

WELL No. :#1H
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 1 TO REPORT No. 13

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		17:00 17:15	STREAKS, 40M#/90 RPM IN HARD STREAKS.
		17:15 23:30	WIRELINE SURVEY @ 1179' - 0.75 DEG. DRILL 1194-1287' - 30-35M# WOB/110 RPM IN SOFT STREAKS, 40M#/90 RPM IN HARD STREAKS.
		23:30 24:00	WIRELINE SURVEY @ 1272' - 1.25 DEG.
		24:00 03:00	DRILL 1287-1352' - 30M# WOB, 110 RPM. LOST FULL RETURNS @ 1352'.
		03:00 04:15	PUMP PILL - MIX & PUMP 20 PPB SAWDUST & CEDAR FIBER PILL (PUMPS AIRED UP, CLEAN VALVES, RESUME PUMPING). REGAINED RETURNS SHORTLY AFTER PILL HIT BOTTOM.
		04:15 04:45	DRILL 1352-1354' - RESUME DRILLING A REDUCED ROP WITH 10M# WOB & 100 SPM ON 1 PUMP WHILE MIXING ANOTHER LCM PILL. LOST RETURNS @ 1354'.
		04:45 05:00	(FLUID LEVEL VISIBLE 40' DOWN FROM SURFACE). PUMP PILL - PUMP 20 PPB MAXI SEAL & SAWDUST PILL, REGAINED RETURNS WHEN PILL HIT BOTTOM. (LOST TOTAL OF 400 BBL. MUD SO FAR). RESUME DRILLING AHEAD AGAIN WITH 10M# WOB & 100 SPM ON 1 PUMP WHILE MIXING ANOTHER PILL.
			DRILLING 80% CLAY, 20% CONGLOMERATE LAST 24 HRS.
			DRLG./24 HRS.:21.25 HRS./CUM.:91.25 HRS.\FUEL/24 HRS.:0 GALS./CUM.:7200 GALS.\91.75 CUM. ROT. HRS. SINCE LAST BHA INSPECTION.
			REC'D ADDITIONAL 16 JTS. OF 10 3/4", 45.5#, J-55, STC CASING 10/27/93. NOW HAVE TOTAL OF 48 JTS., 10 3/4", 45.5#, J-55, STC CASING ON LOCATION.
			CONT'D LAYING CURLEX MAT ON LOCATION FILL SLOPES/INSTALL WATER BARRIERS ALONG FILL EDGES PER UTAH STATE REQUIREMENTS. MIKE HEBERTSON/UTAH DEPT. OF NATURAL RESOURCES REP. VISITED LOCATION 10/27/93 TO INSPECT LOCATION WORK.
10/29/93	1631.	05:00 10:30	WEATHER: MOSTLY CLOUDY, 5-10 MPH WIND/SW, 35 DEG. F.\LOC. & ACCESS: GOOD DRILL 1354-1443' - DRILL AHEAD WHILE ATTEMPTING TO INCREASE PUMP RATES & WOB. HOLE STILL SEEPING SOME MUD WITH 80 SPM ON BOTH PUMPS. HOLD DOWN PUMP RATES, PUMP LCM PILLS. 25-30M# WOB/90-110 RPM. SOME ROUGH SPOTS.
		10:30 11:00	WIRELINE SURVEY @ 1428' - 2.0 DEG.
		11:00 14:00	DRILL 1443-1482' - RUN 10-20M# WOB/90-110 RPM DUE TO INCREASE IN DEVIATION. ALTERNATING FAST DRILLING & HARD, BOULDER SECTIONS. HOLE SEEPING SMALL AMOUNT OF MUD. ROP FELL TO 15 MPF.
		14:00 18:30	TRIP FOR BIT #3 - NO TIGHT SPOTS ON TOH, CHANGE OUT BIT, TIH, NO FILL.
		18:30 23:00	DRILL 1482-1571' - 20M# WOB/110 RPM. ATTEMPT TO INCREASE PUMP RATE TO 100 SPM ON BOTH PUMPS @ 1537', LOST COMPLETE RETURNS @ 1539'. REDUCE PUMP RATE, PUMP 20 BBL. LCM PILL, REGAINED

OPERATION SUMMARY REPORT

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SUMMARY OF OPERATIONS FROM REPORT No. 1 TO REPORT No. 13

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			<p>RETURNS W/PILL ON BOTTOM. TOTAL LOSS: 400 BBLs.</p> <p>23:00 23:30 WIRELINE SURVEY @ 1556' - 2 DEG. 23:30 05:00 DRILL 1571-1631' - 20M# WOB/110 RPM. RUNNING 80 SPM ON BOTH PUMPS. LOST 100 BBLs. MUD @ 1591', PUMP 20 PPB LCM PILL, REGAINED RETURNS, LOST MOMENTARY RETURNS (15 BBLs.) @ 1624', PUMPED 20 PPB PILL (RETURNS REGAINED BEFORE PILL CLEARED BIT).</p> <p>LOST TOTAL OF 750 BBLs. MUD WHILE DRILLING LAST 24 HRS. BYPASSING SHAKER, DESILTER & DESANDER TO MAINTAIN LCM IN SYSTEM.</p> <p>DRLG./24 HRS.:18.5 HRS./CUM.:109.75 HRS.\FUEL/ 24 HRS.:0 GALS./CUM.:7200 GALS.\110.25 CUM. ROT. HRS. SINCE LAST BHA INSPECTION.</p> <p>CONT'D LAYING CURLEX MAT ON LOCATION FILL SLOPES; EAST SIDE COMPLETE, WEST SIDE 1/2 DONE. SEED WATER BARRIERS.</p> <p>WEATHER: INTERMITTENT LIGHT SNOW LAST NIGHT, PRESENTLY MOSTLY CLOUDY, CALM, 25 DEG. F./LOC. & ACCESS: GOOD</p>
10/30/93	1776.	05:00 08:00	<p>DRILL 1631-1657' - 20M# WOB/110 RPM. ROP SLOWING TO 15 -30 MPF. PREPARE TO TOH.</p> <p>08:00 08:30 WIRELINE SURVEY @ 1642' - 2.0 DEG. 08:30 12:00 TRIP FOR BIT #4 - NO TIGHT SPOTS ON TRIP OUT, LD BOTTOMHOLE DC, PU MONEL DC FOR FUTURE MULTI SHOT SURVEY AT SURFACE CASING POINT.</p> <p>12:00 12:30 SERVICE RIG 12:30 13:30 TRIP - TIH, NO FILL 13:30 20:00 DRILL 1657-1723' - 10-20M# WOB/70 RPM 20:00 20:30 WIRELINE SURVEY @ 1678' - 2 DEG. 20:30 05:00 DRILL 1723-1776' - 25M# WOB/70 RPM</p> <p>HOLE SEEPING MUD 1631-1657', PUMP 20 PPB LCM PILL/HOLD PUMP RATE TO 84 SPM ON BOTH PUMPS/ BY PASS SHAKER TO RETAIN RESIDUAL LCM IN MUD - NO FURTHER LOSSES 1657-1770'. ATTEMPT TO INCREASE PUMP RATE @ 1770' TO 90 SPM ON BOTH PUMPS (1150 PSI SPP), STARTED LOSING PARTIAL RETURNS. PUMP LCM PILL, REDUCE PUMP RATE TO 84 SPM ON BOTH PUMPS - NO FURTHER LOSSES 1770-1776'. LOST TOTAL OF 100 BBLs. MUD LAST 24 HRS.</p> <p>DRLG./24 HRS.:18.0 HRS./CUM.:127.75 HRS.\FUEL/ 24 HRS.:5506 GALS./CUM.:12706 GALS.\128.25 CUM. ROT. HRS. SINCE LAST BHA INSPECTION.</p> <p>WEATHER: CLEAR, CALM, 23 DEG. F./LOC. & ACCESS: GOOD</p>
10/31/93	2000.	05:00 05:30 05:30 06:00 06:00 16:00	<p>DRILL 1776-1785' - 25M# WOB/70 RPM WIRELINE SURVEY @ 1770' - 1.73 DEG. DRILL 1785-1910' - 10-30M# WOB/70 RPM - INTERMITTENT BOULDER INTERVALS/ROUGH DRILLING & NUMEROUS DRILLING BREAKS. ADDED 5 PPB</p>

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WELL No. :#1H
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SUMMARY OF OPERATIONS FROM REPORT No. 1 TO REPORT No. 13

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		16:00 16:30	ASPHALT/GILSONITE BLEND (AK 70).
		16:30 04:00	WIRELINE SURVEY @ 1895' - 1.75 DEG. DRILL 1910-2000' - 3-30M# WOB/50-70 RPM - INTERMITTENT BOULDERS/ROUGH DRILLING. ADDITIONAL 1 HR. FOR TIME CHANGE
		04:00 04:30	CIRCULATE - PRIOR TO SHORT TRIP
		04:30 05:00	SHORT TRIP - BEGIN SHORT TRIP TO TOP OF DC'S PRIOR TO TOH TO RUN 10 3/4" SURFACE CASING. NO TIGHT SPOTS.
			HOLE SEEPING MUD 1776-2000'. LOST EST'D 100 BBLs. MUD OVER LAST 24 HRS.
			DRLG./24 HRS.:23.0 HRS./CUM.:150.75 HRS.\FUEL/ 24 HRS.:0 GALS./CUM.:12706 GALS.\151.25 CUM. ROT. HRS. SINCE LAST BHA INSPECTION
			WEATHER: CLEAR, CALM, 30 DEG. F./LOC. & ACCESS: GOOD
11/01/93	2000.	05:00 06:00	SHORT TRIP - 15 STDS. TO DCS, NO DRAG, NO FILL.
		06:00 07:30	CIRCULATE - BOTTOMS UP PRIOR TO TOH, SPOT 20 PPB LCM PILL IN ANNULUS, PUMP TRIP SLUG.
		07:30 09:00	TRIP - DROP MULTI SHOT, TOH WITH DRILLPIPE & & 6 1/2" DCS, NO TIGHT SPOTS. SLM/NO CORRECTION
		09:00 11:30	LD BHA & TOOLS - LD 8" & 9 1/2 " DCS, 14 3/4" IBS'S.
		11:30 14:30	RUN CASING - RIG UP CASING CREW & RUN 44 JTS. 10 3/4", 45.5#, J-55, STC CASING. SHOE SET @ 2000'.
		14:30 15:30	CIRCULATE - RU CEMENTING HEAD, CIRC. 1 FULL DISPLACEMENT OF CASING STRING, RD CASING CREW WHILE CIRCULATING.
		15:30 22:00	CEMENTING - CEMENT 10 3/4" CASING WITH 15 BBLs. WATER AHEAD, FOLLOWED BY 1210 SX. 35/65 POZ. G + 6% D-20 + 1/4 PPS D-29, FOLLOWED BY 250 SX. CLASS 'G' + 1/4 PPS D-29. DISPLACED WITH FRESH WATER @ 2-5 BPM, BUMPED PLUG @ 1830 HRS. 10/31/93 WITH 189 BBLs. (1 BBL. LESS THAN CALC'D DISPLACEMENT), RETURNS RANGING FROM 0-100%, CIRC. 115 BBLs. (360 SX.) LEAD SLURRY TO SURFACE DURING PRIMARY JOB. FLOATS HELD OK. CEMENT FALLING BACK AFTER PUMPS SHUT DOWN. TOP OUT WITH 100 SX. CLASS 'G' + 2% CACL2 VIA 1" TUBING SET @ 80' KB. CIRC. ADD'L 3 BBLs. (15 SX.) CEMENT TO SURFACE. CIP @ 1930 HRS. 10/31/93. CEMENT FALLING BACK VERY SLOWLY WITH PUMPS SHUT DOWN. WOC 2.5 HRS. ATTEMPT TO TAG TOC WITH STEEL LINE; NO TOC TAGGED. ORDER OUT ADD'L 400 SX. CLASS 'G' NEAT CEMENT W/ SACK CACL2 TO 1" 10 3/4" X 20" ANNULUS.
		22:00 05:00	WAIT ON ADD'L TRUCK LOAD OF CEMENT.
			PRIMARY CEMENT JOB ON 10 3/4" CASING OBSERVED BY UTAH DEPT. OF NATURAL RESOURCES REP. (FRANK MATTHEWS).
			DRLG./24 HRS.:0.0 HRS./CUM.:150.75 HRS.\FUEL/ 24 HRS.:0 GALS./CUM.:12706 GALS.\151.25 CUM. ROT. HRS. SINCE LAST BHA INSPECTION.

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SUMMARY OF OPERATIONS FROM REPORT No. 1 TO REPORT No. 13

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			GOOD
11/04/93	2671.	05:00 08:00	BRUCE MELCHER, MASHED THUMB ON LEFT HAND BETWEEN DC AND SHOCK SUB TRYING TO CATCH SURVEY TOOL, BROKE BONE ON VERY END, DR SET AND SAID HE COULD RETURN TO WORK, HE TOOK OFF THE REST OF THE MORNING, SAID HE WOULD BE BACK TONIGHT. DRILLED 2191-2267
		08:00 08:30	SURVEY @ 2267 2.5 DEG.
		08:30 13:00	DRILLED 2267-2392
		13:00 13:15	SURVEY @ 2392 2.75 DEG.
		13:15 21:00	DRILLED 2392-2545
		21:00 21:30	SURVEY @ 2500 2.0 DEG.
		21:30 05:00	DRILLED 2545-2671
			DRLG./24 HRS.:22.75/ CUM:182.5\FUEL:7466 GAL. /CUM:20172 31.75 HRS. SINCE LAST BHA INSPECTION
			WEATHER: CLOUDY, WINDS WEST @ 10-25 MPH. LIGHT SNOW, ONLY SKIFF ON THE GROUND
11/05/93	2859.	05:00 13:45	LOCATION AND ACESS GOOD DRILLED 2671-2877
		13:45 14:00	SURVEY @ 2795 3.25 DEG.
		14:00 15:00	DRILLED 2877-2846
		15:00 16:00	SINGLE OUT 3 JTS, SURVEY @ 2750 3 DEG
		16:00 16:30	SINGLE OUT 3 JTS, SURVEY @ 2657 3 DEG
		16:30 17:00	SINGLE OUT 3 JTS, SURVEY @ 2564 2 DEG
		17:00 18:00	REAM 273' BACK TO BTM
		18:00 19:00	DRILLED 2846-2859
		19:00 19:30	SURVEY @ 2814 3.5 DEG
		19:30 21:00	TOH W/ SLM, 1.03 LONG, NO CORRECTION
		21:00 23:30	PU BHA
		23:30 02:30	TIH, SURVEY W/ MWD EA. STAND F/ 2080'
		02:30 05:00	WASH/REAM 220' TO BTM, TORQUE NOW AND THEN, NF
			ROT.HRS.:10.75/ CUM:193.25\FUEL:0 CUM:20172

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H	WELL No. :#1H
AFE No. :15507	API No. :43-043-30301
FIELD :LODGEPOLE UTAH	RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 1 TO REPORT No. 13

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			GAL, 42.5 HRS. SINCE LAST BHA INSPECTION WEATHER:12 DEG.F. CLEAR,CALM, COLD, 3/4" SNOW SINCE 24:00, LOCATION AND ACCESS GOOD

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
 AFE No. :15507
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :1H
 API No. :49-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 14 TO REPORT No. 24

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
11/06/93	3191.	05:00 06:00	DRILL ROTATE 2859-2871
		06:00 09:00	DRILL SLIDE 2871-2933 150 DEG. RIGHT
		09:00 11:15	DRILL ROTATE 2871-3026
		11:15 11:30	SURVEY (MWD)
		11:30 14:00	DRILL SLIDE 3026-3077 160 DEG. LEFT
		14:00 14:30	CLEAN DP SCREEN (LCM)
		14:30 20:30	DRILL ROTATE 3077-3149
		20:30 21:00	SURVEY
		21:00 22:30	TOH W/ BIT #7, WOULDN'T DRILL, 3/8" GROOVE WORN AROUND BIT ABOUT 2" HIGH 3 CUTTERS MISSING ON ALL BLADES GUAGE AROUND GROVE IS ABOUT 9.125" BIT IS 1/16" OUT OF GUAGE.
		22:30 23:00	CHANGE OUT MWD
		23:00 00:30	TIH W/ BIT #8, RTC HP51A T12463
		00:30 01:30	WASH/REAM 45' TO BTM, WASH BOTTOM GOOD BEFORE TAG UP, NOTHING ON BOTTOM
		01:30 05:00	DRILLED 3149-3191
			LOST 600 BBL MUD F/2657-3071, 50 BBL @ 3095 175 BBL @ 3110, 200 BBL @ 3149, AND 400 BBL ON TOH ROT.HRS.:18.25, CUM.:211.5\CUM FUEL:20172 GAL. WEATHER: 8 DEG.F.CLEAR,SLIGHT BREEZE,LOC.ACESS GOOD
11/07/93	3703.	05:00 08:00	DRILL SLIDE 3191-3212, 120 DEG. RIGHT
		08:00 11:15	DRILL ROTATE 3212-3305
		11:15 11:30	SURVEY @ 3305
		11:30 16:00	DRILL SLIDE, 3305-3365 120 DEG. RIGHT
		16:00 19:30	DRILL ROTATE 3365-3459
		19:30 19:45	SURVEY @ 3409
		19:45 05:00	DRILL ROTATE 3459-3703
			ROT.HRS:23.5/CUM.:235\CUM. FUEL:20172 GAL. WEATHER: 14 DEG.F. CLEAR, CALM, LOC. AND ACESS GOOD LOST 600 BBL FLUID LAST 24 HRS. NONE SINCE 19:00 LAST NIGHT.
11/08/93	4143.	05:00 10:30	DRILL ROTATE 3703-3833
		10:30 10:45	SURVEY

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SUMMARY OF OPERATIONS FROM REPORT No. 14 TO REPORT No. 24

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		10:45 18:30	DRILL ROTATE 3833-3988
		18:30 18:45	SURVEY
		18:45 22:00	DRILL SLIDE 3988-4020, 40-50 LEFT
		22:00 04:45	DRILL ROTATE 4020-4143
		04:45 05:00	SURVEY
			ROT.HRS:23.25 CUM:258.25\CUM.FUEL:20172\107.5 HRS. SINCE LAST BHA INSPECTION
			WEATHER: 14 DEG. F. LOC. AND ACCESS GOOD
11/09/93	4295.	05:00 06:00	NO LOST CIRC.LAST 24 HRS. DRILL ROTATE 4143-4157
		06:00 08:30	TOH W/ BIT #8
		08:30 09:00	SERVICE RIG, CHECK BOP
		09:00 11:00	TIH W/ BIT #9
		11:00 12:00	HIT BRIDGE @ 3077' PLUGGED DRILL STRING
		12:00 15:30	TOH, WET, MWD PLUGGED W/ RUST AND SCALE
		15:30 18:00	TIH CHECK MWD AND MOTOR
		18:00 19:30	FINISH TIH
		19:30 21:30	WASH/REAM 185' TO BTM, NO FILL
		21:30 05:00	DRILL ROTATE 4155-4295
			ROT.HRS:8.5 CUM:266.75\FUEL:7802 GAL,CUM:27974 116 HRS. SINCE LAST BHA INSPECTION
			WEATHER:16 DEG.F. CLEAR,CALM, LOC AND ACCESS GOOD
11/10/93	4723.	05:00 08:00	DRILL ROTATE 4295-4358
		08:00 08:30	SURVEY
		08:30 19:00	DRILL ROTATE 4358-4576
		19:00 19:15	SURVEY
		19:15 02:15	DRILL ROTATE 4576-4701
		02:15 02:30	SURVEY
		02:30 05:00	DRILL SLIDE 4701-4723 30-60 DEG. RIGHT

OPERATION SUMMARY REPORT

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SUMMARY OF OPERATIONS FROM REPORT No. 14 TO REPORT No. 24

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			ROT.HRS.:23 CUM:289.75, CUM. FUEL:27974, 139 HR. SINCE LAST BHA INSPECTION WEATHER: 29 DEG. CLEAR, WIND SOUTH @ 5-35 MPH LOCATION AND ACESS GOOD. DRILL ROTATE 4723-4795
11/11/93	4973.	05:00 09:30	
		09:30 10:00	SURVEY
		10:00 13:00	DRILL SLIDE 4795-4826 0 DEG.
		13:00 14:30	DRILL ROTATE 4826-4858
		14:30 15:00	SERVICE RIG
		15:00 21:00	DRILL ROTATE 4858-4973
		21:00 21:30	SURVEY
		21:30 01:00	TOH W/ SLM, 37.56 LONG, CORRECTED TO 4973.5
		01:00 02:30	PU/LD MM, AND CKECK OUT MWD
		02:30 03:00	SERVICE RIG, CHECK BOP
		03:00 05:00	TIH TO 4281, WILL W&R FROM THERE
			ROT.HRS:15 CUM:304.75, 154 HRS. SINCE LAST BHA INSPECTION WEATHER:24 DEG.F.OVERCAST, LOCATION AND ACESS GOOD WASH/REAM 692' TO BTM, SOME TIGHT HOLE AND SOME OUT OF GUAGE
11/12/93	5298.	05:00 13:30	
		13:30 03:00	DRILL ROTATE 4973-5264
		03:00 03:15	SURVEY, SERVICE RIG, CHECK BOP
		03:15 05:00	DRILL ROTATE 5264-5298
			ROT.HRS:15.25 CUM:320, CUM.FUEL:27974, 169.5 HRS. SINCE LAST BHA INSPECTION WEATHER: 18 DEG.F. CALM, CLEAR, NO SNOW LAST 24 HRS. DRILL ROTATE 5298-5300
11/13/93	5565.	05:00 06:00	
		06:00 08:30	TOH W/ BIT #10
		08:30 10:00	DRESS BIT, AND CHANGE MOTOR TO 1.15 DEG.
		10:00 13:00	TIH 3/ BIT #11
		13:00 14:30	WASH/REAM 180' TO BTM, LAST 20' OUT OF GUAGE

OPERATION SUMMARY REPORT

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SUMMARY OF OPERATIONS FROM REPORT No. 14 TO REPORT No. 24

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		14:30 02:00	DRILL ROTATE 5300-5513
		02:00 02:15	SURVEY
		02:15 05:00	DRILL ROTATE 5513-5565
			ROT.HRS.15.25 CUM:340.25, CUM.FUEL 27974, 184.7 5 HRS. SINCE LAST BHA INSPECTION.
			WEATHER:16 DEG.F. OVERCAST,CALM, 1/2" SNOW OVERNIGHT
11/14/93	5978.	05:00 11:30	DRILL ROTATE 5565-5697
		11:30 12:00	SURVEY
		12:00 02:30	DRILL ROTATE 5697-5949
		02:30 02:45	SURVEY
		02:45 04:30	DRILL ROTATE 5949-5978
		04:30 05:00	MIX AND PUMP PILL
			ROT.HRS:22.75, CUM:363, CUM FUEL:27974, HRS. SINCE LAST BHA INSPECTION, 207.5
			WEATHER:16 DEG. F. 1/4" SNOW LAST 24 HRS. LOCATION AND ACCESS GOOD.
11/15/93	6170.	05:00 06:00	TOH W/ BIT#11
		06:00 07:30	WORK TIGHT HOLE, 5389-5300 PULLING 100K OVER
		07:30 09:45	TOH
		09:45 10:00	DRESS BIT
		10:00 11:30	TIH TO BSC, TEST MWD
		11:30 12:00	SLIP & CUT DRILL LINE 110'
		12:00 13:30	TIH
		13:30 19:00	WASH/REAM 682' TO BTM, RUN 2 STANDS OUT OF 7 1/3 REAM 5296-5978
		19:00 02:30	DRILL ROTATE 5978-6135
		02:30 02:45	SURVEY
		02:45 05:00	DRILL ROTATE 6135-6170
			ROT.HRS:9.75, CUM:372.75, FUEL:27974, HRS. SINCE LAST BHA INSPECTION:217.25
			WEATHER: 10 DEG.F. CALM, NO SNOW LAST 24 HRS. LOCATION AND ACCESS GOOD

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WELL No. :1H
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 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 14 TO REPORT No. 24

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
11/16/93	6515.	05:00 14:30	DRILL ROTATE 6170-6321' - 151'/15.9 FPH - ATTEMPT TO SLOW RPM/INCREASE WOB TO REDUCE BIT GAUGE WEAR, BUT COULD NOT MAINTAIN ROP. RESUMED RUNNING 60 RPM ON ROTARY TABLE.
		14:30 15:00	MWD SURVEY @ 6266' - 3.9 DEG. INC./99.2 AZ.
		15:00 21:00	DRILL ROTATE 6321-6413' - 92'/15.3 FPH
		21:00 21:30	MWD SURVEY @ 6357' - 4.3 DEG. INC./98.5 AZ.
		21:30 05:00	DRILL ROTATE 6413-6515' - 102'/13.6 FPH
			<p>PUMP PRESSURE: OFF BOTTOM 2100 PSI/ON BOTTOM 2200 PSI (ROTATING), NO SLIDING LAST 24 HRS. \DRILLING 60-75% CLAY, 40-25% CONGLOMERATE\BIT TO SURVEY PROBE 55'\ NOTE: MUD LOST TO HOLE SHOWN ABOVE IS AN ADJUSTMENT FOR CUM. MUD LOST TO HOLE SINCE SPUD; NO MUD LOSSES OBSERVED LAST 24 HRS. \PATHOLOGICAL ANALYSIS OF FRESH WATER SOURCE SHOWS EXISTENCE OF ANEROBIC BACTERIA/TREATING MUD SYSTEM WITH BACTERIACIDE.</p> <p>DRLG./24 HRS.:23.0 HRS./CUM.:395.75 HRS.\ FUEL/24 HRS.:0 GALS./CUM.:27974 GALS.\ CORR. RING #M07 @ TOP DCS; IN @ 1000 HRS. 11/8/93 @ 4157';187.0 CUM. HRS. OF EXP.\CORR. RING #MO3 @ SAVER SUB: IN @ 1930 HRS. 11/8/93 @ 4157'; 177.5 CUM. HRS. OF EXP.\ANALYSIS OF CORR. RING #M01 1.310 LB/FT2/YR\362.5 ROT. HRS. ON BHA SINCE LAST INSPECTION\MTR. SN./HRS. DRLG./TOT. HRS. ON PUMP:800-033/63.0 HRS./80.5 HRS.\MWD TOOL/HRS. ON PUMP/TOT. HRS. IN HOLE:80.5 HRS./96.75 HRS.</p> <p>WEATHER: CLEAR, CALM, 27 DEG. F./LOC. & ACCESS: GOOD</p>

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
 AFE No. :15507
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :1H
 API No. :49-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 25 TO REPORT No. 35

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
11/17/93	6634.	05:00 06:30 06:30 06:45 06:45 08:15 08:15 10:30 10:30 13:30 13:30 16:00 16:00 17:00 17:00 17:15 17:15 18:00 18:00 05:00	<p>DRILL ROTATE 6515-6536' - 21'/14.0 FPH MWD SURVEY @ 6481' - 4.8 DEG. INC./102.0 AZ. DRILL ROTATE 6536-6559' - 23'/15.3 FPH. HOLE ANGLE CONTINUING TO BUILD. SUSPECT BIT GOING OUT OF GAUGE. MIX & PUMP TRIP SLUG WHILE DRILLING AHEAD.</p> <p>TOH - FOR BIT #13. 10-45M# OVERPULL ON TRIP OUT, NO OTHER TIGHT SPOTS.</p> <p>PU/LD BHA & TOOLS - CHANGE OUT MOTOR, BIT & HANG OFF SUB (WORN SCRIBE LINE), CHECK & RE INSTALL SURVEY PROBE - OK, TEST MWD TOOL - OK.</p> <p>TIH - HIT BRIDGE @ 5760', NO OTHER TIGHT SPOTS.</p> <p>WASH/REAM 5760-5830' - WASH & REAM HARD BRIDGE, FELL THROUGH.</p> <p>TIH - FINISH TIH</p> <p>WASH/REAM 6530-6559' - PU KELLY & WASH LAST 30' TO BOTTOM.</p> <p>DRILL ROTATE 6559-6634' - 75'/6.8 FPH - ROTATE 8', ATTEMPT TO SLIDE, BIT WOULD NOT DRILL SLIDING, GOOD PRESSURE DIFFERENTIAL & REACTIVE TORQUE ON MOTOR, BUT NOT DRILLING OFF. DECIDE TO DRILL (ROTATE) AHEAD FOR 90', THEN ATTEMPT TO SLIDE AGAIN.</p> <p>CURRENT PUMP PRESSURE: OFF BOTTOM 1750 PSI/ ON BOTTOM: 2000 PSI (SLIDING & ROTATING) \\DRILLING 60-75% CLAY, 40-25% CONGLOMERATE\\NO MUD LOSSES LAST 24 HRS.</p> <p>DRLG./24 HRS.:14.0 HRS./CUM.:409.75 HRS.\\ FUEL/24 HRS.:0 GALS./CUM.:27974 GALS.\\CORR. RING #M07 @ TOP OF DCS; IN @ 1000 HRS. 11/8/93 @ 4157', OUT @ 1400 HRS. 11/16/93 @ 6559'; 196.0 CUM. HRS. OF EXP./CORR. RING #N59 @ TOP OF DCS ; IN @ 1400 HRS. 11/16/93 @ 6559'; 15.0 CUM. HRS. OF EXP./CORR. RING #M03 @ SAVER SUB; IN @ 1930 HRS. 11/8/93 @ 4157', OUT @ 2400 HRS. 11/16/93 @ 6597'; 196.5 CUM. HRS. OF EXP./ CORR. RING #N33 @ SAVER SUB; IN @ 2400 HRS. 11/16/93 @ 6597'; 5.0 CUM. HRS. OF EXP.\\378.25 ROT. HRS. ON BHA SINCE LAST BHA INSPECTION\\MTR. SN/HRS. DRLG./TOT. HRS. ON PUMP:800-069/11.0 HRS./12.75 HRS.\\MWD TOOL/HRS. ON PUMP/TOT. HRS. IN HOLE:96.5 HRS./117.5 HRS.</p> <p>WEATHER: CLEAR, CALM, 22 DEG. F./LOC. & ACCESS: GOOD</p>
11/18/93	6759.	05:00 12:30 12:30 13:00 13:00 13:30 13:30 16:00 16:00 18:00	<p>DRILL ROTATE 6634-6693' - 59'/7.9 FPH - BIT BALLING UP, INCREASE RATES ON PUMPS TO 90 SPM ON EACH & RUN NUTSHELL PILLS IN ATTEMPT TO CLEAN. SOME IMPROVEMENT IN OVERALL ROP.</p> <p>MWD SURVEY @ 6636' - 5.5 DEG. INC./102.4 AZ.</p> <p>DRILL SLIDE 6693-6694' - 1'/2.0 FPH - ATTEMPT TO SLIDE, BIT WOULD NOT DRILL. PREPARE TO TOH.</p> <p>TRIP - PUMP SLUG, TOH. 10-20M# OVERPULL, 45M# OVERPULL 4800-4600', NO OTHER TIGHT SPOTS.</p> <p>PU/LD BHA & TOOLS - CHECK MOTOR; NOTHING</p>

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
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 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 25 TO REPORT No. 35

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			<p>VISIBLY WRONG, BIT SLIGHTLY WORN. CHANGE OUT BIT & MOTOR.</p> <p>18:00 21:00 TRIP - TIH, TEST MWD TOOL & MOTOR - OK, FINISH TIH, NO TIGHT SPOTS.</p> <p>21:00 21:30 WASH/REAM - REAM LAST 60' TO BOTTOM; NO TIGHT HOLE, NO FILL.</p> <p>21:30 04:15 DRILL SLIDE 6694-6746' - 52'/7.7 FPH - 170L</p> <p>04:15 05:00 DRILL ROTATE 6746-6759' - 13'/17.3 FPH - WILL ROATE 60' 7 TAKE SURVEY.</p> <p>CURRENT PUMP PRESSURE: OFF BOTTOM 1950 PSI/ ON BOTTOM 2050 PSI (SLIDING)/2050 PSI (ROTATING)\DRILLING 50-70% CLAY, 50-30% CONGLOMERATE\NO MUD LOSSES OBSERVED LAST 24 HRS.</p> <p>DRLG./24 HRS.:15.5 HRS./CUM.:425.25 HRS.\FUEL/24 HRS.:7028 GALS./CUM.:35002 GALS.\CORR. RING #N59 @ TOP OF DCS; IN @ 1400 HRS. 11/16/93 @ 6559'; 39.0 CUM. HRS. OF EXP./CORR. RING #N33 @ SAVER SUB; IN @ 2400 HRS. 11/16/93 @ 6597'; 29.0 CUM. HRS. OF EXP.\387.0 ROT. HRS. ON BHA SINCE LAST INSPECTION\MTR. SN/HRS. DRLG./TOT. HRS. ON PUMP:800-069/19.0 HRS./21.25 HRS.\800-032/6.75 HRS./8.0 HRS. \MWD TOOL/HRS. ON PUMP/TOT. HRS. IN HOLE: 115.5 HRS./139.5 HRS.</p> <p>LOCATION COSTS SHOWN REFLECT ADDITIONAL ACTUAL BILLED COSTS FOR LABOR & MATERIAL TO PREPARE PAD & ACCESS FOR RIG DUE TO POOR WEATHER CONDITIONS, PURCHASE & LAY EROSION MAT ON PAD SLOPES & COMPLY WITH OTHER STATE STIPULATIONS ON DRILLING PERMIT.</p> <p>WEATHER: LT. SNOW, 5-10 MPH WINDS/SW, 26 DEG. F./LOC. & ACCESS: GOOD</p> <p>11/19/93 7052. 05:00 08:30 DRILL ROTATE 6759-6808' - 49'/14.0 FPH</p> <p>08:30 08:45 MWD SURVEY @ 6758' - 5.3 DEG. INC./86.4 AZ.</p> <p>08:45 15:00 DRILL SLIDE 6808-6848' - 40'/6.2 FPH - 180</p> <p>15:00 24:00 DRILL ROTATE 6848-6987' - 139'/15.4 FPH</p> <p>24:00 00:30 MWD SURVEY @ 6937' - 4.6 DEG. INC./72.2 AZ.</p> <p>00:30 05:00 DRILL ROTATE 6987-7052' - 65'/14.4 FPH - WILL DRILL TO 7167' BEFORE TAKING NEXT SURVEY</p> <p>PUMP PRESSURE: OFF BOTTOM 1950 PSI/ON BOTTOM 2050 PSI (SLIDING & ROTATING) \DRILLING 50% CLAY, 50% CONGLOMERATE\ NO MUD LOSSES OBSERVED LAST 24 HRS.\SURVEY PROBE TO BIT 50"\PUMPING POLYMER/MICA/NUTPLUG PILLS PRIOR TO SLIDES TO HELP LUBRICATE HOLE</p> <p>DRLG./24 HRS.:23.25 HRS./CUM.:448.50 HRS.\FUEL/24 HRS.:0 GALS./CUM.:35002 GALS.\CORR. RING #N59 @ TOP OF DCS; IN @ 1400 HRS. 11/16/93 @ 6559'; 63.0 CUM. HRS. OF EXP./CORR. RING #N33 @ SAVER SUB; IN @ 2400 HRS. 11/16/93</p>

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
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SUMMARY OF OPERATIONS FROM REPORT No. 25 TO REPORT No. 35

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
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			<p>@ 6597'; 53.0 CUM. HRS. OF EXP.\\404.0 ROT. HRS. ON BHA SINCE LAST INSPECTION\\MTR. SN/HRS. DRLG./TOT. HRS. ON PUMP:800-069/42.25 HRS./45.25 HRS.\\MWD TOOL/HRS. ON PUMP/TOT. HRS. IN HOLE:139.5 HRS./163.5 HRS.</p> <p>WEATHER: PRESENTLY CLEAR, CALM, 14 DEG. F., 2' SNOW 11/18/93\\LOC. & ACCESS: OK SOME MINOR DRIFTS ON PAD.</p>
11/20/93	7397.	05:00 07:15 07:15 07:30 07:30 09:30 09:30 09:45 09:45 13:15 13:15 13:30 13:30 23:30 23:30 23:45 23:45 05:00	<p>DRILL ROTATE 7052-7082' - 30'/13.3 FPH MWD SURVEY @ 7032' - 4.8 DEG. INC./72.0 AZ. DRILL ROTATE 7082-7112' - 30'/15.0 FPH SERVICE RIG - ACTUATE PIPE RAMS - OK. DRILL ROTATE 7112-7174' - 62'/17.7 FPH MWD SURVEY @ 7124' - 5.0 DEG. INC./74.2 AZ. DRILL ROTATE 7174-7333' - 159'/15.9 FPH MWD SURVEY @ 7283' - 6.0 DEG. INC./78.7 AZ. DRILL ROTATE 7333-7397' - 64'/12.2 FPH</p> <p>PUMP PRESSURE: OFF BOTTOM 1950 PSI/ON BOTTOM 2100 PSI (ROTATING - DID NOT SLIDE DURING LAST 24 HRS.) \\DRILLING 50% CLAY, 50% CONGLOMERATE\\NO MUD LOSSES OBSERVED LAST 24 HRS.\\!!!!NOTE: CUM. COST TO DATE HAS BEEN REDUCED TO REFLECT ADJUSTMENT IN COSTS ON ALL DAILY REPORTS FOR ACTUAL DISCOUNTS ON MUD PRODUCTS, BITS, & RENTAL EQUIPMENT. ALL DAILY REPORT DATA WAS RE MODEMED TODAY TO INPUT THESE CHANGES INTO REPORT SYSTEM.!!!!</p> <p>DRLG./24 HRS.:23.0 HRS./CUM.:471.5 HRS.\\ FUEL/24 HRS.:0 GALS./CUM.:41760 GALS.\\CORR. RING #N59 @ TOP OF DCS; IN @ 1400 HRS. 11/16/93 @ 6559'; 87.0 CUM. HRS. OF EXP./CORR. RING #N33 @ SAVER SUB; IN @ 2400 HRS. 11/16/93 @ 6597'; 77.0 CUM. HRS. OF EXP.\\427.0 ROT. HRS. ON BHA SINCE LAST INSPECTION\\MTR. SN/HRS. DRLG./TOT. HRS. ON PUMP:800-069/65.25 HRS./69.25 HRS. \\MWD TOOL/HRS. ON PUMP/TOT. HRS. IN HOLE: 163.5 HRS./187.5 HRS.</p>
11/21/93	7584.	05:00 07:30 07:30 08:00 08:00 08:30 08:30 11:30 11:30 12:00 12:00 14:30 14:30 15:00	<p>WEATHER: CLEAR, CALM, 4 DEG. F./LOC. & ACCESS: OK</p> <p>DRILL ROTATE 7397-7427' - 30'/12.0 FPH - ROP SLOWING. MWD SURVEY @ 7377' - 6.4 DEG. INC./76.8 AZ. DRILL ROTATE 7427-7433' - 5'/10.0 FPH - PUMP SLUG FOR TRIP WHILE DRILLING AHEAD. TRIP - TOH FOR BIT #15, 40-70M# OVERPULL 7433-6300', 10-30M# OVERPULL 6300-4800', NO OTHER TIGHT SPOTS. SLM 7445.92', BOARD 7433'.0 (+12.92' CORR.). SERVICE RIG - ACTUATE BLIND RAMS, CHANGE OUT BIT (RUN REED BIT W/JK PATTERN INSERT GAUGE PROTECTION). TRIP - TIH, TIGHT @ 7400'. PU KELLY TO REAM. WASH/REAM 7400-7446' - OUT OF GAUGE HOLE.</p>

OPERATION SUMMARY REPORT

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SUMMARY OF OPERATIONS FROM REPORT No. 25 TO REPORT No. 35

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		15:00 21:00	DRILL SLIDE 7446-7499' - 53'/8.8 FPH - 175-180L
		21:00 01:00	DRILL ROTATE 7499-7560' - 61'/15.3 FPH
		01:00 01:30	MWD SURVEY @ 7510' - 6.3 DEG. INC./67.1 AZ.
		01:30 05:00	DRILL SLIDE 7560-7584' 24'/6.9 FPH - 175-180R
			PUMP PRESSURE: OFF BOTTOM 1900 PSI/ON BOTTOM 2050 PSI (SLIDING & ROTATING)\\DRILLING 50% CLAY, 50% CONGLOMERATE\\NO MUD LOSSES OBSERVED LAST 24 HRS.\\PUMPING POLYMER/MICA/NUTSHELL PILLS ON SLIDES TO REDUCE STICKING.
			DRLG./24 HRS.:16.5 HRS./CUM.:488.0 HRS.\\FUEL/24 HRS.:7845 GALS./CUM.:49605 GALS.\\CORR. RING #N59 @ TOP OF DCS; IN @ 1400 HRS. 11/16/93 @ 6559'; 111.0 CUM. HRS. OF EXP./CORR. RING #N33 @ SAVER SUB; IN @ 2400 HRS. 11/16/93 @ 6597'; 101.0 CUM. HRS. OF EXP.\\441.5 ROT. HRS. ON BHA SINCE LAST INSPECTION\\MTR. SN/HRS. DRLG./TOT. HRS. ON PUMP:800-069/81.75 HRS./87.25 HRS.\\MWD TOOL/HRS. ON PUMP/TOT. HRS. IN HOLE:181.5 HRS./211.0 HRS.
			WEATHER: CLEAR, CALM, 10 DEG. F./LOC. & ACCESS: OK.
11/22/93	7858.	05:00 10:00	DRILL SLIDE 7584-7621' - 37'/7.4 FPH - 170-175R
		10:00 24:00	DRILL ROTATE 7621-7804' - 183'/13.1 FPH
		24:00 00:30	MWD SURVEY @ 7754' - 6.0 DEG. INC./54.8 AZ.
		00:30 05:00	DRILL ROTATE 7804-7858' - 54'/12.0 FPH
			PUMP PRESSURE: OFF BOTTOM 2000 PSI/ON BOTTOM 2150 PSI (SLIDING & ROTATING)\\DRILLING 50-25% CLAY, 50-75% CONGLOMERATE\\NO MUD LOSSES OBSERVED LAST 24 HRS.\\PUMPED POLYMER/MICA/NUTSHELL PILL AFTER CONNECTIONS WHILE SLIDING TO REDUCE STICKING\\SUNBURST CONSULTING RIGGED UP MUD LOGGING UNIT 11/20-21/93. WILL PLACE IN OPERATION @ 8000'
			DRLG./24 HRS.:23.5 HRS./CUM.:511.5 HRS.\\FUEL/24 HRS.:0 GALS./CUM.:49605 GALS.\\CORR. RING #N59 @ TOP OF DCS; IN @ 1400 HRS. 11/16/93 @ 6559'; 135.0 CUM. HRS. OF EXP./CORR. RING #N33 @ SAVER SUB; IN @ 2400 HRS. 11/16/93 @ 6597'; 125.0 CUM. HRS. OF EXP.\\460.0 ROT. HRS. ON BHA SINCE LAST INSPECTION\\MTR. SN/HRS. DRLG./TOT. HRS. ON PUMP:800-069/105.25 HRS./111.25 HRS.\\MWD TOOL/HRS. ON PUMP/TOT. HRS. IN HOLE:205.5 HRS./235.0 HRS.
			WEATHER: LT. SNOW, 10-15 MPH WIND/SW, 18 DEG. F./LOC. & ACCESS: OK
11/23/93	7996.	05:00 05:45	DRILL ROTATE 7858-7866' - 8'/10.7 FPH
		05:45 12:00	DRILL SLIDE 7866-7898' - 32'/5.1 FPH - 165-175R
			MOTOR & MWD GETTING WEAK, SHORT SURVEYS OBSERVED WHILE SLIDING SHOWED ANGLE BUILDING IN ROTATION INTERVALS & SLIDING WITH 1.25 DEG. MOTOR NOT HOLDING ANGLE DOWN EFFICIENTLY.

OPERATION SUMMARY REPORT

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SUMMARY OF OPERATIONS FROM REPORT No. 25 TO REPORT No. 35

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			DECIDE TO TOH TO CHANGE MOTOR, INCREASE BEND, & CHANGE MWD TOOL. MIX & PUMP SLUG WHILE DRILLING AHEAD. 12:00 14:30 TRIP - TOH, 10-30M# OVERPULL TD-6800', NO OTHER TIGHT SPOTS. 14:30 16:00 PU/LD BHA & TOOLS - CHANGE OUT BIT, MOTOR, & MWD TOOL, ADJUST ANGLE ON NEW MOTOR. 16:00 19:00 TRIP - TIH W/BHA, TEST MOTOR & MWD TOOL - OK, CONT'D TIH, FILL PIPE HALF WAY IN, NO TIGHT HOLE. 19:00 20:00 WASH/REAM - WASH 20' FILL TO BOTTOM 20:00 23:00 DRILL SLIDE 7898-7930' - 32'/10.7 FPH - 170-180R 23:00 04:00 DRILL ROTATE 7930-7992' - 62'/12.4 FPH 04:00 04:30 MWD SURVEY @ 7937' - 4.3 DEG. INC./61.1 AZ. 04:30 05:00 DRILL ROTATE 7992-7996 - 4'/8.0 FPH PUMP PRESSURE: OFF BOTTOM 1800 PSI/ON BOTTOM 2100 PSI (SLIDING & ROTATING)\\DRILLING 50% CLAY, 50% CONGLOMERATE \\NO MUD LOSSES OBSERVED LAST 24 HRS.\\PUMPING POLYMER/ENVIRO TORQUE PILLS AFTER CONNECTIONS WHILE SLIDING TO REDUCE STICKING\\VIS PRESENTLY HIGH ON MUD DUE TO RECENT ADDITION OF PRODUCED WATER TO SYSTEM\\BACTERIA CULTURES RUN ON 11/22/93 ON MUD & PRODUCED WATER AFTER TREATMENT BOTH NEGATIVE\\BIT TO SURVEY PROBE 55' DRLG./24 HRS.:15.5 HRS./CUM.:527.0 HRS.\\ FUEL/24 HRS.:0 GALS./CUM.:49605 GALS.\\CORR. RING #N59 @ TOP OF DCS; IN @ 1400 HRS. 11/16/93 @ 6559'; 159.0 CUM. HRS. OF EXP./CORR. RING #N33 @ SAVER SUB; IN @ 2400 HRS. 11/16/93 @ 6597'; 149.0 CUM. HRS. OF EXP./ANAL. OF CORR. RING #M03 1.384 LB/FT2/YR. & #M07 1.695 LB/FT2.YR.\\467.25 ROT. HRS. ON BHA SINCE LAST INSPECTION\\MTR. SN/HRS. DRLG./TOT. HRS. ON PUMP:800-069/112.25 HRS./118.25 HRS.800-032/ 15.25 HRS./18.0 HRS.\\MWD TOOL/HRS. ON PUMP/ TOT. HRS. IN HOLE:10.0 HRS./13.0 HRS. WEATHER: SNOWING, WIND 5 MPH/SW, 6 DEG. F., 3-5" SNOW PRESENTLY ON GROUND, WEATHER SERVICE PREDICTING 20-30" TOTAL NEXT 48 HRS.//LOC. & ACCESS: SOME MINOR DRIFTS ON PAD, ROAD PACKED/ SLICK 11/24/93 8198. 05:00 11:00 DRILL ROTATE 7996-8054' - 58'/9.7 FPH 11:00 11:15 MWD SURVEY @ 7999' - 3.9 DEG. INC./67.8 AZ. 11:15 14:30 DRILL ROTATE 8054-8085' - 31'/9.5 FPH 14:30 15:00 SERVICE RIG - ACTUATE PIPE RAMS (10 SECS.) & ANNULAR BOP (30 SECS.) 15:00 18:00 DRILL ROTATE 8085-8116' - 31'/10.3 FPH 18:00 18:15 MWD SURVEY @ 8061' - 4.0 DEG. INC./63.7 AZ. 18:15 22:30 DRILL SLIDE 8116-8147' - 31'/7.3 FPH - 180 22:30 05:00 DRILL ROTATE 8147-8198' - 51'/7.8 FPH PUMP PRESSURE: OFF BOTTOM 1850 PSI/ON BOTTOM 2150 PSI (SLIDING & ROTATING)\\DRILLING 90% CLAYSTONE, 10% SILTSTONE, TRACE OF SAND\\ VIS RUNNING HIGH DUE TO ADDITION OF PRODUCED

OPERATION SUMMARY REPORT

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SUMMARY OF OPERATIONS FROM REPORT No. 25 TO REPORT No. 35

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WATER TO SYSTEM\\BACTERIA CULTURES RUN ON MUD & TREATED PRODUCED WATER 11/23/93 BOTH NEGATIVE \\MUD LOGGER IN OPERATION @ 8000' @ 0515 HRS. 11/23/93

DRLG./24 HRS.:23.0 HRS./CUM.:550.0 HRS.\\FUEL/24 HRS.:7729 GALS./CUM.:57334 GALS.\\CORR. RING #N59 @ TOP OF DCS; IN @ 1400 HRS. 11/16/93 @ 6559'; 183.0 CUM. HRS. OF EXP./CORR. RING #N33 @ SAVER SUB; IN @ 2400 HRS. 11/16/93 @ 6597'; 173.0 CUM. HRS. OF EXP.\\486.0 ROT. HRS. ON BHA SINCE LAST INSPECTION\\MTR. SN./HRS. DRLG./TOT. HRS. ON PUMP: 800-032/38.25 HRS./42.0 HRS.\\MWD TOOL/HRS. ON PUMP/TOT. HRS. IN HOLE: 34.0 HRS./37.0 HRS.

WEATHER: CLOUDY, 5 MPH WIND/SW, - 6 DEG. F., 4" SNOW LAST 24 HRS., 8" TOTAL ON GROUND//LOC. & ACCESS - OK, SOME 2-3' DRIFTS ON PAD, ROAD PACKED/SLICK - TRUCKS REQUIRING CHAINS, BUT ABLE TO MAKE IT TO LOCATION OK.

11/25/93	8398.	05:00	07:00
		07:00	07:15
		07:15	10:30
		10:30	21:30
		21:30	21:45
		21:45	01:30
		01:30	02:00
		02:00	05:00

DRILL ROTATE 8198-8209' - 11'/5.5 FPH
 MWD SURVEY @ 8154' - 3.6 DEG. INC./58.6 AZ.
 DRILL SLIDE 8209-8241' - 32'/9.8 FPH - 180
 DRILL ROTATE 8241-8334' - 93'/8.5 FPH
 MWD SURVEY @ 8279' - 1.7 DEG. INC./86.6 AZ.
 DRILL ROTATE 8334-8366' - 32'/8.5 FPH
 RIG REPAIR - ROTARY LIMIT SWITCH
 DRILL ROTATE 8366-8398' - 32'/10.7 FPH

PUMP PRESSURE: OFF BOTTOM 1850 PSI/ON BOTTOM 2100 PSI (SLIDING & ROTATING)\\DRILLING \\BACTERIA CULTURES RUN ON MUD 11/24/93 NEGATIVE.

DRLG./24 HRS.:23.0 HRS./CUM.:573.0 HRS.\\FUEL/24 HRS.:0 GALS./CUM.:57334 GALS.\\CORR. RING #N59 @ TOP OF DCS; IN @ 1400 HRS. 11/16/93 @ 6559'; 207.0 CUM. HRS. OF EXP./CORR. RING #N33 @ SAVER SUB; IN @ 2400 HRS. 11/16/93 @ 6597'; 197.0 CUM. HRS. OF EXP.\\505.75 ROT. HRS. ON BHA SINCE LAST INSPECTION\\MTR. SN./HRS. DRLG./TOT. HRS. ON PUMP:800-032/61.25 HRS./66.0 HRS. \\MWD TOOL/HRS. ON PUMP/TOT. HRS. IN HOLE: 58 HRS./61.0 HRS.

WEATHER: LT. SNOW, CALM, -6 DEG. F., 1/2" NEW SNOW LAST 24 HRS./LOC. & ACCESS: SNOW PACKED/SLICK - TRUCKS REQUIRING CHAINS.

11/26/93	8521.	05:00	08:00
		08:00	08:15
		08:15	16:00
		16:00	16:30
		16:30	19:00
		19:00	19:30

DRILL ROTATE 8398-8427' - 29'/9.7 FPH
 MWD SURVEY @ 8372' - 2 DEG. INC./82.5 AZ.
 DRILL ROTATE 8427-8494' - 67'/8.6 FPH
 SERVICE RIG - ACTUATE PIPE RAMS
 DRILL ROTATE 8494-8521' - 27'/10.8 FPH - PUMP PRESSURE & TORQUE RISING GRADUALLY LAST 12 HRS., SUSPECT BIT GOING OUT OF GAUGE, PREPARE TO TOH.
 MWD SURVEY @ 8466' - 2.1 DEG. INC./98.3 AZ. - PUMP TRIP SLUG.

OPERATION SUMMARY REPORT

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WELL No. :1H
 API No. :49-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 25 TO REPORT No. 35

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		19:30 22:30	TRIP - TOH FOR BIT # 17, 30M# OVERPULL 8521-8200', NO OTHER TIGHT SPOTS.
		22:30 23:30	PU/LD BHA & TOOLS - CHECK MOTOR & MWD TOOL - OK, CHANGE OUT BIT.
		23:30 02:30	TRIP - TIH, CHECK MWD & MOTOR - OK, TIH TO 5350', HIT BRIDGE.
		02:30 03:00	WASH/REAM - BRIDGE 5350-5360'
		03:00 04:00	TRIP - FINISH TIH, HOLE TIGHT @ 8460'.
		04:00 05:00	WASH/REAM 8460-8510' - WASH & REAM OUT OF GAUGE HOLE/FILL. LARGE QUANTITY OF GREY & BLACK SHALE COMING OVER SHAKER.
			PUMP PRESSURE: OFF BOTTOM 1850 PSI/ON BOTTOM 2150 PSI (ROTATING - NO SLIDING LAST 24 HRS.) \\\DRILLING 75% CLAY/SHALE, 15% SANDSTONE, 10% SILTSTONE\\NO MUD LOSSES LAST 24 HRS.
			DRLG./24 HRS.:13.25 HRS./CUM.:586.25 HRS.\\ FUEL/24 HRS.:0 GALS./CUM.:57334 GALS.\\CORR. RING # N59 @ TOP OF DCS; IN @ 1400 HRS. 11/16/93 @ 6559', OUT @ 2400 HRS. 11/25/93 @ 8521'; 226.0 CUM. HRS. OF EXP./CORR. RING #N85 @ TOP OF DCS; IN @ 2400 HRS. 11/25/93 @ 8521'; 5.0 CUM. HRS. OF EXP./CORR. RING #N33 @ SAVER SUB; IN @ 2400 HRS. 11/16/93 @ 6597', OUT @ 0300 HRS. 11/26/93 @ 8521'; 243.0 CUM. HRS. OF EXP./CORR. RING #N84 @ SAVER SUB; IN @ 0300 HRS. 11/26/93; 2.0 CUM. HRS. OF EXP. \\\520.5 ROT. HRS. ON BHA SINCE LAST INSPECTION\\MTR. SN./HRS. DRLG. /TOT. HRS. ON PUMP:800-032/74.5 HRS./82.0 HRS.\\MWD TOOL/HRS. ON PUMP/TOT. HRS. IN HOLE: 74.0 HRS./84.0 HRS.
11/27/93	8761.	05:00 06:00	WEATHER: CLEAR, CALM, -7 DEG. F., NO NEW SNOW LAST 24 HRS./LOC. & ACCESS: SNOW PACKED /SLICK HEAVY TRUCKS REQUIRING CHAINS. WASH/REAM 8510-8521' - WASH & REAM OUT OF GAUGE HOLE/FILL. LARGE QUANTITY OF GREY & BLACK SHALE COMING OVER SHAKER.
		06:00 18:00	DRILL ROTATE 8521-8647' - 126'/10.5 FPH
		18:00 18:30	MWD SURVEY @ 8592' - 2.6 DEG. INC./94.1 AZ.
		18:30 21:00	DRILL SLIDE 8647-8679' - 32'/12.8 FPH @ 285 DEG. MAG.
		21:00 05:00	DRILL ROTATE 8679-8761' - 82'/10.3 FPH
			PUMP PRESSURE: OFF BOTTOM 1900 PSI/ON BOTTOM 2150 PSI (ROTATING & SLIDING)\\DRILLING 20% SANDSTONE, 20% SILTSTONE, 60% SHALE/CLAY; TOP OF STUMP @ 8660' (2' HIGH TO PROGNOSIS) \\\NO MUD LOSSES LAST 24 HRS.\\BACTERIA CULTURES RUN ON MUD 11/26/93 - NEGATIVE IN 24 HRS.
			DRLG./24 HRS.:23.5 HRS./CUM.:609.75 HRS.\\FUEL /24 HRS.:7100 GALS./CUM.:64434 GALS.\\CORR. RING #N85 @ TOP OF DCS; IN @ 2400 HRS. 11/25/93 @ 8521'; 29.0 CUM. HRS. OF EXP./CORR. RING #N84 @ SAVER SUB; IN @ 0300 HRS. 11/26/93

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
AFE No. :15507
FIELD :LODGEPOLE TWIN CREEK

WELL No. :1H
API No. :49-043-30301
RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 25 TO REPORT No. 35

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
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@ 8521'; 26.0 CUM. HRS. OF EXP.\\541.5 ROT.
HRS. ON BHA SINCE LAST INSPECTION\\MTR. SN./
HRS. DRLG./TOT. HRS. ON PUMP:800-032/98.0 HRS./
106.0 HRS.\\MWD TOOL/HRS. ON PUMP/TOT. HRS.
IN HOLE:106.0 HRS./ 108.0 HRS.

WEATHER: CLEAR, CALM, 0 DEG. F./LOC. & ACCESS:
SNOW PACKED/SLICK - HEAVY TRUCKS REQUIRING
CHAINS

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
 AFE No. :15507
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :1H
 API No. :49-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 36 TO REPORT No. 46

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
11/28/93	9028.	05:00 05:30	SERVICE RIG - ACTUATE PIPE RAMS
		05:30 06:30	DRILL ROTATE 8761-8773' - 12'/12.0 FPH
		06:30 07:00	MWD SURVEY @ 8718' - 2.6 DEG. INC./97.5 AZ.
		07:00 10:30	DRILL ROTATE 8773-8808' - 35'/10.0 FPH - DRILLING BREAK 8798-8808', STARTED LOSING PARTIAL RETURNS @ 8805', FULL RETURNS @ 8808'.
		10:30 11:00	MIX LCM PILL - MIX 13 PPB NUTPLUG & MICA LCM PILL. ATTEMPT TO PUMP WHILE RESUMING TO DRILL, BAD SWAB IN PUMP #1, ATTEMPT TO RUN 1 PUMP, COULD NOT GET ADEQUATE VOLUME TO RUN DOWNHOLE MOTOR WITH 1 PUMP AT HIGH SPM DUE TO AIRED UP CONDITION ON MUD FROM ADDITION OF PRODUCED WATER.
		11:00 12:00	WORK ON PUMPS - REPLACE SWAB IN PUMP #1
		12:00 18:00	DRILL ROTATE 8808-8867' - 59'/9.1 FPH - RESUMED DRILLING AHEAD WITH LIGHT WOB W/65 SPM ON BOTH PUMPS, PUMP LCM PILL. REGAINED PARTIAL RETURNS SHORTLY AFTER RESUMING TO PUMP, FULL RETURNS AFTER PILL CLEARED BIT. RESUME RUNNING FULL WOB, BUILD VOLUME WITH RESERVE PIT WATER & PRE MIXED GEL. LOST 300 BBLs. TOTAL MUD VOL.
		18:00 18:15	MWD SURVEY @ 8812' - 1.9 DEG. INC./87.4 AZ.
		18:15 04:00	DRILL ROTATE 8867-9022' - 155'/15.9 FPH - RESUME PUMPING WITH 70 SPM ON BOTH PUMPS @ 8880', NUMEROUS DRILLING BREAKS 8867-9022'. LOST PARTIAL RETURNS @ 9005', REDUCED PUMP RATE TO 65 SPM ON BOTH PUMPS, PUMPED 13 PPG NUTPLUG & MICA LCM PILL, REGAINED FULL RETURNS @ 9008', BEFORE PILL CLEARED BIT. LOST 100 TOTAL BBLs. MUD.
		04:00 04:30	MWD SURVEY @ 8967' - 3.3 DEG. INC./92.8 AZ.
04:30 05:00	DRILL SLIDE 9022-9028' - 6'/12.0 FPH @ 285 DEG. MAG.		
			PUMP PRESSURE (@ 70 SPM ON EACH PUMP AFTER RE BUILDING MUD VOLUME): OFF BOTTOM 1600 PSI, ON BOTTOM 1750 PSI (ROTATING & SLIDING)\\ BACTERIA CULTURES RUN ON MUD 11/27/93 - NEGATIVE. DRLG./24 HRS.:20.75 HRS./CUM.:630.5 HRS.\\FUEL /24 HRS.:0 GALS./CUM.:64434 GALS.\\CORR. RING #N85 @ TOP OF DCS; IN @ 2400 HRS. 11/25/93 @ 8521'; 53.0 CUM. HRS. OF EXP./CORR. RING #N84 @ SAVER SUB; IN @ 0300 HRS. 11/26/93 @ 8521'; 50.0 CUM. HRS. OF EXP.\\561.75 ROT. HRS. ON BHA SINCE LAST INSPECTION\\MTR. SN./HRS. DRLG. /TOT. HRS. ON PUMP:800-032/118.75 HRS./128.5 HRS.\\MWD TOOL/HRS. ON PUMP/TOT. HRS. IN HOLE: 128.5 HRS./132.0 HRS. WEATHER: PARTLY CLOUDY, CALM, 10 DEG. F./LOC. & ACCESS: SNOW PACKED/SLICK.
11/29/93	9195.	05:00 06:45	DRILL SLIDE 9028-9047' - 19'/10.9 FPH @ 285 DEG. MAG. - BIT TORQUING, HAVING A HARD TIME KEEPING TOOL FACE IN PLACE, SUSPECT OUT OF GAUGE OR LOCKED UP BIT, MOTOR GETTING WEAK.
		06:45 08:00	CIRCULATE - BOTTOMS UP, PUMP TRIP SLUG.
		08:00 12:00	TRIP - TOH FOR BIT #18. 10-30M# OVERPULL

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
 AFE No. :15507
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :1H
 API No. :49-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 36 TO REPORT No. 46

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			9028-6600', NO OTHER TIGHT SPOTS. SLM 9053.8', BOARD 9047.6'; +6.2' CORR.
		12:00 13:30	PU/LD BHA & TOOLS - CHANGE OUT MOTOR & BIT. FLUID LEVEL IN HOLE STABLE WHILE OUT OF HOLE.
		13:30 14:00	SERVICE RIG - ACTUATE BLIND RAMS
		14:00 14:30	TRIP - TIH W/BHA
		14:30 15:30	SLIP & CUT DRILL LINE - 95'
		15:30 17:00	TRIP - TIH, HIT BRIDGE @ 5800'
		17:00 17:30	WASH/REAM - BRIDGE 5800-5810'
		17:30 19:00	TRIP - FINISH TIH (FILL PIPE/CHECK MWD TOOL ONCE ON WAY IN).
		19:00 19:30	WASH/REAM - FILL 9020-9059'
		19:30 20:30	DRILL ROTATE 9053-9059' - 6'/6.0 FPH - BREAK IN BIT, ROTATE KELLY DOWN IN PREPARATION TO STARTING SLIDE. UNLOADING LARGE AMOUNT OF GRAY & BLACK SHALE OVER SHAKER ON BOTTOMS UP.
		20:30 22:00	DRILL SLIDE 9059-9072' - 13'/8.7 FPH @ 285 DEG. MAG. HOLE SEEPING MUD W/65 SPM ON EACH PUMP. HAVING TROUBLE HOLDING TOOL FACE/SLIDING @ 65 SPM, BUT HOLE SEEPAGE INCREASING @ HIGHER SPM.
		22:00 05:00	DRILL ROTATE 9072-9195' - 123'/17.6 FPH - PUMPING 60 BBL., 17 PPB NUTPLUG & MICA PILLS, HOLE STILL SEEPING SLIGHTLY/150 BBL. MUD LOSS @ 9180', LOSING ABOUT 30% RETURNS, PUMP LCM PILLS, REDUCE PUMP RATE TO 60 SPM ON EACH PUMP, REGAIN RETURNS BEFORE PILL CLEARED BIT, STILL SEEPING (FLUID LEVEL FALLING SLOWLY WITH PUMPS OFF ON CONNS.). HAVE LOST APPROX. 250 BBL. MUD TOTAL SINCE TRIP.
			PUMP PRESSURE (@ 65 SPM ON EACH PUMP): OFF BOTTOM 1450 PSI/ON BOTTOM 1650 PSI (ROTATING & SLIDING)\\TOP OF PREUSS @ 9042' (12' LOW TO PROGNOSIS)
11/30/93	9444.	05:00 06:30	WEATHER: CLOUDY, 5-10 MPH WIND/W, 20 DEG. F./ LOC. & ACCESS: SNOW PACKED/SLICK DRILL ROTATE 9195-9215
		06:30 07:00	SURVEY @ 9160,
		07:00 12:00	DRILL SLIDE 9215-9277, 12.7 FT/HR
		12:00 14:30	DRILL ROTATE 9277-9300, 9.2 FT/HR
		14:30 15:00	SERVICE RIG, REPAIR ROTARY CHAIN
		15:00 19:00	DRILL ROTATE 9300-9340
		19:00 19:30	SURVEY @ 9285
		19:30 21:30	DRILL ROTATE 9340-9368
		21:30 22:00	REPAIR ROTARY CHAIN
		22:00 05:00	DRILL ROTATE 9368-9444
			ROT.HRS:22 CUM:663.75\\FUEL:0 CUM:64434,\\CORR. RING #N85 IN @ 24:0 HRS 11/25/93 @ 8521',96 HRS

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
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 FIELD :LODGEPOLE TWIN CREEK

WELL No. :1H
 API No. :49-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 36 TO REPORT No. 46

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
12/01/93	9637.	05:00 07:00	CUM.,RING #N84 @ SAVER SUB; IN @ 03:00 11/26/93 @ 8521, 96 HR CUM: EXP. 592.75 HRS SINCE LAST BHA INSPECTION.\ \ MOTOR # 800-013 31.5 HRS ON PUMP, MWD HRS.164, TOTAL HRS IN HOLE 178. DRILL ROTATE 9444-9465
		07:00 07:30	SURVEY @ 9415
		07:30 09:30	DRILL ROTATE 9465-9481
		09:30 10:00	REPIAR ROTARY CHAIN
		10:00 18:30	DRILL ROTATE 9481-9558
		18:30 19:00	SURVEY @ 9503
		19:00 22:30	DRILL ROTATE 9558-9589
		22:30 23:30	REPLACE ROTARY CHAIN, AND SPROCKET
		23:30 05:00	DRILL ROTATE 9546-9637
		12/02/93	9713.
06:15 06:30	WEATHER: 20 DEG. F./ CALM, CLEAR, LOCATION AND ACESS SNOW PACKED AND ICEY, 1/2" NEW SNOW LAST 24 HRS. DRILL ROTATE 9637-9650		
06:30 12:30	SURVEY @ 9600		
12:30 13:00	DRILL ROTATE 9650-9700		
13:00 17:30	SURVEY @ 9645, PUMP TRIP PILL		
17:30 18:00	TOH, W/ BIT # 18, SLM,CHECK C O M		
18:00 18:30	SERVICE RIG, CHECK BOP		
18:30 19:30	R & R WEAR BUSHING		
19:30 00:30	TIH TO BSC, CHECK MWD AND MOTOR		
00:30 02:30	REPLACE ROTARY DRIVE BERRINGS		
02:30 03:30	TIH		
03:30 05:00	WASH/REAM 60' TO BTM, OUT OF GUAGE HOLE		
	DRILL ROTATE 9700-9713		
	ROT.HRS.:8.75, CUM:694\FUEL:0, CUM:71434\CORR RING #N85 IN @ 24:00 11/25/93, @ 8521, 143 HR, RING # N84 IN SAVER SUB @ 03:00 11/26/93 140		

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
 AFE No. :15507
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :1H
 API No. :49-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 36 TO REPORT No. 46

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			<p>CUM HRS, 624 HRS. SINCE LAST BHA INSPECTION MOTOR #800-013 64 HRS. ON PUMP, MWD HRS. 128 TOTAL HRS IN HOLE 220 HRS.</p> <p>WEATHER: 18 DEG. F. WINDS F/ NNW @ 5-15 MPH, LIGHT OCC. SNOW FLURRIES. LOCATION AND ACESS SNOW PACKED AND ICEY, BUT GOOD.</p> <p>64 JTS OF 7 5/8 BTC ON LOCATION, 5 MORE TRUCKS DOWN HILL, NO CHAINS, WILL PULL THEM UP @ 07:00</p>
12/03/93	9954.	05:00 08:00	DRILL ROTATE 9713-9743
		08:00 14:00	DRILL SLIDE 9743-9806, 30 DEG R
		14:00 20:00	DRILL ROTATE 9806-9867
		20:00 20:15	SURVEY @ 9802
		20:15 05:00	DRILL ROTATE 9867-9954
			<p>ON LOCATION: 71 JTS. 7 3/4" 46.1# S125 LTC 8 RND. 192 JTS. 7 5/8" P110/S BTC FIRST TRUCK ON LOCATION @ 12:00, LAST TRUCK OFF LOCATION @ 18:45.</p> <p>ROT. HRS.:23.75,CUM:717.75,\\ FUEL:0, CUM:71434 CORR. RING #N85 IN @ 8521, TOP OF DCS, 24:00 11/25/93 167 HRS RING #N84 IN @ 8521, SAVER SUB 03:00 11/26/93 164 HRS. MOTOR #800-013 88 HRS ON PUMP, MWD 152 HRS, ON PUMP, TOTAL HRS IN HOLE 244.</p> <p>WEATHER: 4 DEG F., CALM, CLEAR 3" SNOW LAST 24 HRS. LOCATION AND ACESS SNOW PACKED AND ICEY, BUT GOOD.</p>
12/04/93	10141	05:00 05:30	DRILL ROTATE 9954-9960
		05:30 06:00	SURVEY @ 9905
		06:00 09:30	DRILL SLIDE 9960-9991 10 DEG RIGHT
		09:30 16:30	DRILL ROTATE 9991-10053
		16:30 17:00	SURVEY @ 10000
		17:00 05:00	DRILL ROTATE 10053-10141 STARTED SALT @ 10097', TRUCKS RUNNING 6 HRS LATE.
			<p>ROT.HRS.:23, CUM:740.75\FUEL:8461 GAL, CUM: 79895, CORR. RING #N85 IN @ 8521' IN TOP OF DCS 24:00 11/25/93 191 HRS. RING #N84 IN SAVER SUB 03:00 11/26/93 188 HRS. MOTOR #800-013176 HRS ON PUMP 176, MWD 176, TOTAL HRS IN HOLE 268 HRS</p> <p>WEATHER 18 DEG. F. HAZY, CALM, NO SNOW LAST</p>

OPERATION SUMMARY REPORT

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 FIELD :LODGEPOLE TWIN CREEK

WELL No. :1H
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SUMMARY OF OPERATIONS FROM REPORT No. 36 TO REPORT No. 46

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
12/05/93	10205	05:00 11:30	24 HRS. LOCATION AND ACESS SNOW PACKED AND ICEY BUT GOOD. DRILL ROTATE 10141-10176
		11:30 12:00	SURVEY @ 10120
		12:00 15:00	CIRCULATE AND CONDITION MUD PRIOR TO TOH F/ BIT #20, PUMP PILL
		15:00 19:00	TOH W/ BIT #19 AND TO CHANGE BHA
		19:00 20:30	LD BHA & TOOLS
		20:30 00:30	TIH W/ BIT # 20, PU 3 6.5" DCS
		00:30 01:30	WASH/REAM 70' TO BTM, NO FILL
		01:30 05:00	DRILLED 10176-10205
			ROT.HRS.:9, CUM:749\FUEL:0, CUM:70895, CORR. RING #N85 IN @ 8521' @ TOP OF DCS 24:00 HRS 11/25/93 215 HRS. RING #N84 IN @ 8521 @ SAVER SUB, 03:00 11/26/93 212 HRS. MOTOR IS OUT OF OUT OF HOLE, ALSO MWD.
12/06/93	10416	05:00 04:45	WEATHER: 2 DEG. F. CALM, CLEAR, 3-4" BLOWING SNOW YESTERDAY AFTERNOON, WINDS IN ECESS OF 40 MPH. W/ GUSTS AROUND 50 DRILLED 10205-10414
		04:45 05:00	DRILLED 10141-10416
		PREUSS SALT 10396, 10' STRINGER DRILLED @ 1" /FT. LOST 350 BBL MUD LAST 24 HRS, HOLDING NOW.	
		ROT.HRS.:24, CUM:773, CORR.RING #N85 IN @ 8521 @ TOP OF DCS 24:00 11/25/93 239 HRS. RING #N84 IN @ 8521 @ SAVER SUB 03:00 11/26/93 236 HRS.	
			WEATHER: 6 DEG. F. CLEAR, CALM, NO SNOW LAST 24 HRS. LOCATION AND ACESS SNOW PACKED AND ICEY BUT GOOD
12/07/93	10594	05:00 04:45	TORQUE PICKED UP IN SALT, PICKED UP OUT OF IT @ 10401, TOOK 60K OVER TO PULL BACK THROUGH IT, WILL PICK BACK UP THROUGH IT @ 05:15 TO9 CHECK IT OUT. DRILLED 10416-10592
		04:45 05:00	DRILLED 10592-10594
		GIRAFF CREEK 10442, 9' LOW TO PROG.	
			ROT.HRS.:24, CUM:797\FUEL:0 CUM:79895\CORR

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
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SUMMARY OF OPERATIONS FROM REPORT No. 36 TO REPORT No. 46

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			RING #N85 IN TOP OF DCS, IN @ 8521, 24:00 HRS. 11/25/93 263 HRS. RING #N84 IN SAVER SUB IN @ 8521, 03:00 11/26/93 260 HRS.
12/08/93	10736	05:00 10:30	WEATHER: 6 DEG. F. CLEAR, CALM, 2-3" SNOW LAST 24 HRS. DRILLED 10594-10635
		10:30 11:30	SHORT TRIP 5 STANDS, PULLED 70K OVER ON ONE STAND
		11:30 01:00	DRILLED 10635-10729
		01:00 02:00	SHORT TRIP 5 STANDS, PULLED 50K OVER, RIG SERVICE, CHECK BOP
		02:00 03:00	DRILLED 10729-10736
		03:00 05:00	TOH W/ BIT #20, SLM
			ROT.HRS:20, CUM:817\FUEL:0, CUM:79985, CORR. RING #N85 IN @ 8521 @ TOP OF DCS, 24:00 11/25/93 287 HRS, RING #N84 IN @ 8521 @ SAVER SUB 03:00 11/26/93 284 HRS. 747.75 HRS. SINCE LAST BHA INSPECTION.
			WEATHER: 19 DEG.F. WINDS @ 15-35 MPH W/ GUSTS TO 50, LOCATION AND ACESS SNOW PACKED AND ICEY BUT GOOD. NO SNOW LAST 24 HRS.

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
 AFE No. :15507
 FIELD :LODGEPOLE TWIN CREEK

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 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 47 TO REPORT No. 57

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
12/09/93	10861	05:00 08:30	TOH W/BIT #20,SLM +6', CORRECTED 6' TO 10742
		08:30 09:00	SERVICE RIG, DRESS BIT
		09:00 11:00	TIH
		11:00 11:30	BREAK CIRC 1/2 WAY IN
		11:30 12:30	TIH W/ BIT # 21
		12:30 13:00	WASH/REAM 40' TO BTM. NO FILL
		13:00 03:30	DRILLED 10742-10858
		03:30 04:30	SHORT TRIP 7 STANDS, RIG SERVICE, CHECK BOP, DRAG ON SHORT TRIP 60-63K OVER
		04:30 05:00	DRILLED 10858-10861
			WEATHER:20 DEG.F. WINDS 10 35 MPH, NO SNOW LAST 24 HRS. LOCATION AND ACESS SNOW PACKED AND ICEY BUT GOOD.
12/10/93	10950	05:00 17:00	DRILLED 10861-10950 TD @ 17:00
		17:00 18:30	CIRCULATE AND CONDITION FOR LOGS
		18:30 20:00	SHORT TRIP 20 STANDS, 58-60K OVER FIRST 4 STANDS
		20:00 22:00	CIRCULATE AND CONDITION FOR LOGS
		22:00 22:30	DROP SURVEY, PUMP PILL
		22:30 03:00	TOH, W/SLM 10947
		03:00 05:00	RU WAW, RUN DUAL LATEROLOG W/ GR LTD 10942
			WEATHER: 18 DEG.F. CALM, CLEAR, NO SNOW LAST 24 HRS. LOCATION AND ACESS GOOD, SNOW PACKED AND ICEY BUT GOOD
12/11/93	10965	05:00 06:30	LOG DUAL LATEROLOG F/ 10942-GRASS ROOTS
		06:30 07:00	RD WAW
		07:00 7:30	TIH W/ DCS AND HWDP
		07:30 08:30	SLIP & CUT DRILL LINE 100'

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
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 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 47 TO REPORT No. 57

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		08:30 11:30	TIH TIGHT @ 6763
		11:30 12:00	WASH/REAM 44' TO BTM, 3' FILL
		12:00 14:30	DRILLED 10950-10965
		14:30 17:00	CIRCULATE AND CONDITION TO RUN CASING
		17:00 20:30	DROP SURVEY, AND TOH SURVEY WAS A MISRUN PIPE MOVING WHEN THE CLOCK WENT OFF.
		20:30 23:00	LD BHA & TOOLS
		23:00 03:00	RU CER, PU AND RUN 71 JTS. 7/34" 46.1# LTC 3011.11'
		03:00 05:00	RU AND TRY TO BREAK OUT COLLAR ON XO JT. XO IS BTC PIN X LTC BX, NEEDS TO BE BTC BX X LTC PIN
			ROT. HRS:2.5, CUM: 826.5\FUEL:1257, CUM:95587 281 HRS SINCE LAST BHA INSPECTION
12/12/93	10965	05:00 20:30	WEATHER: 28 DEG.F. WINDS OUT OF THE SOUTH @ 5-25 MPH LOCATION AND ACESS WET BUT GOOD FINFISH RUNNING CASING, TOTAL CASING RAN AS FOLLOWS, 180 JTS 7/58" 29.7#, P110, BTC,7945' 71 JTS OF 7/34" S125, 46.1#, LTC 3011', LANDED @ 10962, FLOAT COLLAR IS @ 10878' STAGE COLLAR IS @ 5085', RU DS,CIRC W/ RIG PUMP,XO, PUMP 100 BBL OF SALT WATER, 20 BBL OF CW100, 500 SX "G" W/.75 GAL/SX D604, 24% D44, .03 GAL/SX M45, .05% D800. MIXED @ 16.1 PPG. YEILD 1.22, 109 BBL OF SLURRY, DISPLACE W/ 508 BBL OF MUD, 20 BBL OVER AS MUD WAS AIRED UP BAD, BUMP PLUG @ 17:00, W/1000# RELEASE, FLOAT HELD "OK", DROP OPENING DEVICE, PRESSURE UP AND OPEN TOOL, NO PROBLEMS., CIRC W/ RIG PUMP, MIX AND PUMP 515 SX OF 35/65 POZ W/6% D20, 1/4#/SX D29, AND .35% D13, MIXED @ 12.7 PPG, YEILD 1.79, 164 BBL OF SLURRY. TAIL IN W/ 200 SX OF "G", W/.1% D800 MIXED @ 15.8 PPG, YEILD 1.16, 21 BBL OF SLURRY, DROP CLOSING DEVICE, AND DISPLACE W/ 249 BBL OF MUD, 15 BBL OVER DUE TO AIR IN MUD, CLOSE STAGE COLLAR @ 20:00 W/ 2000#, RELEASE, HELD "OK". LOST RETURNS 230 BBL INTO DISPLACEMENT, NO MUD IN SIGHT @ NIPPLE DOWN.
		20:30 02:00	ND BOP, SET SLIPS W/ 330K INDICATED WT., MAKE ROUGH CUT, MAKE FINAL CUT, NU TBG HEAD, TEST TBG HEAD TO 3500#, F/15 MIN. "OK".
		02:00 05:00	NU BOP
			CUM.: ROT.: HRS.:826\FUEL:0, CUM:95587, 777 HRS. SINCE LAST BHA INSPECTION.
			WEATHER: 12 DEG.F., WINDS OUT OF THE WEST NW @

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
 AFE No. :15507
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :1H
 API No. :49-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 47 TO REPORT No. 57

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
12/13/93	10965	05:00 19:00	20-35 MPH, 2" NEW SNOW LAST 24 HRS. LOCATION SNOW PACKED AND ICEY BUT GOOD. NU BOP, AND TEST BLIND RAMS, PIPE RAMS, CHOKE MANIFOLD, CHOKE LINE, KILL LINE, SUPER CHOKE, CHOKE LINE, UPPER AND LOWER KELLEY VALVES, FLOOR VALVE, AND DART VALVE, 250 LOW, AND 3500 HIGH, UPPER KELLEY VALVE TESTED BUT HARD TO OPEN AND CLOSE, DOC IS HAVING ANOTHER ONE BROUGHT DOWN. TESTED ANNULAR TO 250 LOW AND 1500 HIGH, LAID DOWN KELLEY, PU SLIM HOLE KELLEY, TOOK CASING OFF RACKS, CALLED JIMMIE THOMPSON W/ STATE OF UTAH FOR BOP TEST, NOT COMING OUT.
		19:00 20:00	RU TO CIRC PUMPS TO KEEP SUCTIONS FROM FREEZING
		20:00 05:00	TIH 50 STANDS AT A TIME AND LDDP
			CUM.: ROT.HRS:826\FUEL:7800, CUM:103387,
12/14/93	10965	05:00 08:00	WEATHER: 0 DEG.F. CLEAR,CALM,4" SNOW LAST 24 HRS. WINDS YESTERDAY WERE 35-50 MPH WITH BLOWING SNOW. LD DRILL PIPE - TIH W/REMAINDER OF 5" DRILLPIPE & LD SAME. RD 5" HANDLING TOOLS.
		08:00 17:00	PU DRILL PIPE - RU 4" HANDLING TOOLS, PU 6 1/2" BIT, 18 - 4 3/4" DCS, & 4" DRILLPIPE. (RD & LOAD OUT CENTRIFUGE & PRE MIX TANK). TAG CEMENT @ 5015'.
		17:00 19:30	DRILL CEMENT/FLOAT EQUIP. - DRILL SOFT CEMENT & DV TOOL 5015-5047', FELL THROUGH, REAM 2 ADD'L JOINTS 5047-5110' TO MAKE SURE PAST DV TOOL & CEMENT.
		19:30 20:00	TEST DV TOOL - SHUT PIPE RAMS, TEST DV TOOL TO 1000 PSI FOR 15 MINS. - OK.
		20:00 02:30	PU DRILL PIPE - CONT'D PU 4" DRILLPIPE & TIH. TAG CEMENT @ 10718'.
		02:30 05:00	DRILL CEMENT/FLOAT EQUIP. - DRILL CEMENT 10718-10858'
			DRLG./24 HRS.:0 HRS./CUM.:826.00 HRS.\FUEL/24 HRS.:0 GALS./CUM.:103387 GALS.\5.0 CUM. ROT. HRS. ON BHA SINCE LAST INSPECTION.
			NOTE: NEGATIVE COST FOR INTERMEDIATE CASING SHOWN ON TODAY'S COSTS IS A CORRECTION FOR ACTUAL PRICES.
			SPERRY MWD & DIRECTIONAL PERSONNEL & EQUIPMENT ON LOCATION @ 1200 HRS. 12/13/93.\SUNBURST PERSONNEL ON LOCATION @ 1800 HRS. 12/13/93.
12/15/93	10972	05:00 08:30	WEATHER: CLEAR, CALM, 10 DEG. F./LOC. & ACCESS: SNOW PACKED, SLICK. DRILL CEMENT/FLOAT EQUIP. - DRILL CEMENT & FLOAT COLLAR 10858-10920'.
		08:30 08:45	TEST CASING - CLOSE PIPE RAMS, TEST CASING &

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 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 47 TO REPORT No. 57

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		08:45 10:00	FLOAT COLLAR TO 1000 PSI FOR 15 MINS. - OK. DRILL CEMENT/FLOAT EQUIP. - DRILL CEMENT & FLOAT SHOE 10920-10965'.
		10:00 11:00	DRILL 10965-10972' - DRILL 7' NEW FOMATION.
		11:00 12:00	CIRCULATE - BOTTOMS UP PRIOR TO TOH TO RUN GYRO/PU BUILD BHA. NO SHOWS. PUMP TRIP SLUG.
		12:00 17:00	TOH - NO TIGHT SPOTS, SLM 10971.62', BOARD 10972'/NO CORRECTION. (STOOD BACK 4 3/4" DCS IN DERRICK).
		17:00 24:00	WIRELINER WORK - RU OILWELL PERFORATORS & SPERRY GYRO. RUN GYRO MULTI SHOT 1990-10960'.
		24:00 02:00	PU/LD BHA & TOOLS - PU ANGLE BUILDING DIRECTIONAL TOOLS, MWD TOOL & NEW BIT. TEST MOTOR & MWD TOOL - OK.
		02:00 05:00	TIH - W/ ANGLE BUILDING BHA. FILL PIPE 1/2 WAY IN.
			SUNBURST MUD LOGGING IN OPERATION @ 1100 HRS. 12/14/93\\SPERRY SUN IN OPERATION @ 2400 HRS. 12/14/93\\BIT TO SURVEY PROBE 35', BIT TO GR PROBE 43'.
			DRLG./24 HRS.:1.0 HRS./CUM.:827.0 HRS.\\FUEL/24 HRS.: 0 GALS./CUM.:103387 GALS.\\10.75 CUM. ROT. HRS. ON BHA SINCE LAST INSPECTION\\MTR. SN./HRS. DRLG./TOT. HRS. ON PUMP:475-011A/0.0 HRS. /0.0 HRS.\\MWD TOOL/HRS. ON PUMP/TOT. HRS. IN HOLE:0.0 HRS./5.0 HRS.
			WEATHER: PARTLY CLOUDY, 5 MPH WIND/E, 7 DEG. F/ LOC. & ACCESS: SNOW PACKED/SLICK.
12/16/93	11112	05:00 07:30	TIH - CONT. TIH W/ANGLE BUILDING BHA, PU 15 JTS. DRILLPIPE TO REPLACE DCS STOOD BACK.
		07:30 08:30	ATTEMPT TO UN PLUG STRING - PU KELLY TO WASH TO BOTTOM, STRING PLUGGED, WORK & SURGE STRING TO CLEAR W/NO SUCCESS.
		08:30 09:30	TOH - TO FIND PLUG, PULLED 15 STANDS WET, THEN PIPE STARTED COMING DRY.
		09:30 10:00	CIRCULATE - PU KELLY, PIPE CLEAR, CIRCULATE CAPCITY OF STRING - OK.
		10:00 10:30	TIH - BACK TO TD.
		10:30 11:00	WASH/REAM - 10' TO BOTTOM - NO FILL.
		11:00 13:15	DRILL SLIDE 10972-11019' - 47'/20.9 FPH @ 90L
		13:15 13:30	MWD SURVEY @ 10984' - 8.1 DEG. INC./110.3 AZ.
		13:30 17:15	DRILL SLIDE 11019-11050' - 31'/8.3 FPH @ 90L - HITTING SOME FRACTURES, MOTOR STALLING, ROP SLOW IN CLAY SECTIONS.
		17:15 17:30	MWD SURVEY @ 11015' - 8.8 DEG. INC./79.9 AZ.
		17:30 21:30	DRILL SLIDE 11050-11081' - 31'/7.8 FPH @ 30L
		21:30 22:00	MWD SURVEY @ 11046' - 10.4 DEG. INC./62.3 AZ.
		22:00 01:00	DRILL SLIDE 11081-11111' - 30'/10.0 FPH @ 10L
		01:00 01:30	MWD SURVEY @ 11076' - 12.9 DEG. INC./55.8 AZ.
		01:30 01:45	DRILL SLIDE 11111-11112' - 1'/4.0 FPH @ 10L - REVIEW OF GR DATA INDICATED TARGET ZONE WILL BE COMING IN SHALLOWER THAN ANTICIPATED/BHA NOT BUILDING ANGLE RAPIDLY ENOUGH. DECIDE TO TOH TO PU STRONGER BHA.
		01:45 03:00	CIRCULATE - BOTTOMS UP FOR TOH, PUMP TRIP SLUG.

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WELLNAME :JUDD 34-1H
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WELL No. :1H
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 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 47 TO REPORT No. 57

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		03:00 05:00	TOH - FOR STRONGER ANGLE BUILDING BHA. NO TIGHT SPOTS. PUMP PRESSURE: OFF BOTTOM 1450 PSI/ON BOTTOM 1650 PSI\\13 UT. GAS SHOW @ 11042' (POSSIBLE FRACTURE). NO OTHER OIL OR GAS SHOWS @ FLOWLINE\\CORRECTION TO BHA FOR COMPONENT NOT INCLUDED ON 12/15/93 REPORT DRLG./24 HRS.:13.25 HRS./CUM.:840.25 HRS.\\FUEL /24 HRS.:0 GALS./CUM.:103387 GALS.\\10.75 CUM. ROT. HRS. ON BHA SINCE LAST INSPECTION\\MTR. SN./HRS. DRLG./TOT. HRS. ON PUMP:475-011A/13.25 HRS./17.0 HRS.\\MWD TOOL/HRS. ON PUMP/TOT. HRS. IN HOLE:17.0 HRS./29.0 HRS. WEATHER: LT. SNOW, CALM, 6 DEG. F., 1/2" TOTAL NEW SNOW LAST 24 HRS./LOC. & ACCESS: SNOW PACKED/SLICK
12/17/93	11252	05:00 07:00 07:00 09:00 09:00 12:30 12:30 13:30 13:30 20:30 20:30 21:00 21:00 22:30 22:30 23:00 23:00 01:00 01:00 01:30 01:30 03:30 03:30 04:00 04:00 05:00	TOH - CONT. TOH FOR STRONGER ANGLE BUILDING BHA PU/LD BHA & TOOLS - LD 1.75 DEG. MOTOR, STABILIZER, & ORIENTATION SUB, PU 2 DEG. MOTOR & 1.5" KICK PAD, TEST MOTOR & MWD TOOL - OK. TIH FILL PIPE TWICE ON TIH, NO FILL. WORK ON MWD EQUIPMENT - WORK AIR OUT OF STRING, CHANGE TRANSDUCER @ SURFACE. DRILL SLIDE 11112-11140' - 28'/4.0 FPH @ 10L. VERY DIFFICULT SLIDING 11112-11130', HOLE TIGHT, UNABLE TO GET WEIGHT TO BIT, INCREASE PUMP RATE, SPOT 8 PPG GLASS BEAD PILL, PUMP POLYMER/ENVIRO TORQUE PILLS, RE REAM HOLE ABOVE INTERVAL, ROCK STRING, ROTATE TO DRILL 2' IN ATTEMPT TO GET STRING TO FREE UP & BHA TO SLIDE. STARTED SLIDING BETTER @ 11130', TIGHT CONNECTION @ 11140' (100M# OVER PULL), WORK UNTIL FREE. MWD SURVEY @ 11106' - 16.2 DEG. INC./51.0 AZ. DRILL SLIDE 11140-11171' - 31'/20.7 FPH @ 20L MWD SURVEY @ 11137' - 21.3 DEG. INC./46.4 AZ. DRILL SLIDE 11171-11201' - 30'/15.0 FPH @ 30L MWD SURVEY @ 11166' - 25.3 DEG. INC./34.9 AZ. DRILL SLIDE 11201-11231' - 30'/15.0 FPH @ 30L MWD SURVEY @ 11197' - 27.1 DEG. INC./22.4 AZ. DRILL SLIDE 11231-11252' - 21'/21.0 FPH @ HS PUMP PRESSURE: OFF BOTTOM 1700 PSI/ON BOTTOM 1800 PSI\\NO OIL OR GAS SHOWS @ FLOWLINE DRLG./24 HRS.:13.5 HRS./CUM.:853.75 HRS.\\ FUEL/24 HRS.:0 GALS./CUM.:103387 GALS.\\CORR. RING #47 @ SAVER SUB; IN @ 2030 HRS. 12/16/93 @ 11140'; 8.5 CUM. HRS. OF EXP.\\10.75 CUM. ROT. HRS. ON BHA SINCE LAST INSPECTION\\ MTR. SN./HRS. DRLG./HRS. ON PUMP:475-040/ 13.5 HRS./16.5 HRS.\\MWD TOOL/HRS. ON PUMP/TOT. HRS. IN HOLE:33.5 HRS./51.0 HRS. WEATHER: CLEAR, CALM, 0 DEG. F., 1" TOTAL SNOW LAST 24 HRS./LOC. & ACCESS: SNOW PACKED/SLICK.
12/18/93	11477	05:00 05:00	DRILL & SURVEY 11252-11477' DRILL ROTATE - 42'/14.0 FPH

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SUMMARY OF OPERATIONS FROM REPORT No. 47 TO REPORT No. 57

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			<p>DRILL SLIDE - 183'/10.5 FPH MWD SURVEY</p> <p>SLIDE:11252-11294' HS\\SLIDE:11294-11323' 0-30L SLIDE:11323-11355' 30-50L\\SLIDE:11355-11370' 40R ROTATE:11370-11384'\\SLIDE:11384-11415' 40R SLIDE:11415-11431' 35R\\ROTATE:11431-11445' SLIDE:11445-11463' 40R\\ROTATE:11463-11477'</p> <p>PUMP PRESSURE: OFF BOTTOM 1650 PSI/ON BOTTOM 1700 PSI (SLIDING), 1750 PSI (ROTATING)\\ HAVING TO ROCK STRING & PUMP POLYMER/ENVIRO TORQUE SWEEPS PERIODICALLY TO GET BHA TO SLIDE\\ROTATING PERIODICALLY TO HOLD DOWN BUILD ANGLE\\NO METAL DETECTED IN FORMATION SAMPLES LAST 24 HRS.\\LOST PARTIAL RETS. 11445-11460', FULL RETS. 11460-11462', 50% RETS. 11462-11477', PRESENTLY DRILLING W/ 50% RETS. - HAVE LOST TOTAL OF 250 BBLs. WATER LAST 24 HRS.\\NUMEROUS GAS SHOWS 11278-11477'; 15-220 UTS. (FROM PROBABLE FRACTURES), NO OIL SHOWS @ FLOWLINE. TOP OF WATTON CANYON @ 11363' MD (11220 TVD).</p> <p>DRLG./24 HRS.:20.50 HRS./CUM.:874.25 HRS.\\ FUEL DEL./24 HRS.:0 GALS./CUM.:103387 GALS.\\ CORR. RING #47 @ SAVER SUB; IN @ 2030 HRS. 12/16/93 @ 11140';32.5 CUM. HRS. OF EXP.\\ 13.75 CUM. ROT. HRS. ON BHA SINCE LAST INSPECTION\\MTR. SN./HRS. DRLG./HRS. ON PUMP: 475-040/31.0 HRS./40.5 HRS.\\MWD TOOL/HRS. ON PUMP/TOT. HRS. IN HOLE:57.5 HRS./75.0 HRS.</p> <p>WEATHER: CLEAR, CALM, 0 DEG. F., NO NEW SNOW LAST 24 HRS./LOC. & ACCESS: SNOW PACKED/SLICK</p>
12/19/93	11575	05:00 05:30 05:30 06:00 06:00 07:00 07:00 08:00 08:00 10:00 10:00 11:00 11:00 11:30 11:30 14:30 14:30 15:30 15:30 16:00 16:00 20:30	<p>MWD SURVEY @ 11442' - 64.3 DEG. INC./350.7 AZ. DRILL SLIDE 11477-11480' - 3'/6.0 FPH - GAS SHOW @ FLOWLINE (1000 UTS.) + LT. OIL SHOW. INSTALL ROT. HEAD - SHUT WELL IN, STAB ROTATING HEAD RUBBER, LINE UP VALVES/CHECK SKIMMER SYSTEM. OPEN UP WELL THROUGH FLOWLINE. CIRCULATE - CIRC. TO RE ESTABLISH RETURNS @ @ SURFACE & OBSERVE GAS. LIGHT SHOW OF OIL @ FLOWLINE W/9500 UT. DT GAS SHOW ON BOTTOMS UP, CONT. TO CIRC. THROUGH FLOWLINE UNTIL CLEAR. (DID NOT NEED TO TURN THROUGH SKIMMER SYSTEM). DRILL SLIDE 11480-11492' - 12'/6.0 FPH - 30-50R DRILL ROTATE 11492-11506' - 14'/14.0 FPH MWD SURVEY @ 11472' - 67.8 DEG. INC./350.1 AZ. DRILL SLIDE 11506-11519' - 13'/4.3 FPH - 30-50R HAVING DIFFICULT TIME GETTING CONSISTENT WOB/ PAD HANGING UP IN FRACTURES. DRILL ROTATE 11519-11538' - 19'/19.0 FPH MWD SURVEY @ 11504' - 69.8 DEG. INC./348.4 AZ. DRILL SLIDE 11538-11568' - 30'/6.7 FPH - HS - TIGHT HOLE/HAVING TO REAM & WORK STRING UNTIL</p>

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WELLNAME :JUDD 34-1H
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SUMMARY OF OPERATIONS FROM REPORT No. 47 TO REPORT No. 57

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			FREE.
		20:30 21:00	MWD SURVEY @ 11534' - 71.7 DEG. INC./348.6 AZ.
		21:00 22:30	DRILL SLIDE 11568-11575' - 7 1/4.7 FPH - HS - TIGHT HOLE, HAVING TO REAM/WORK STRING TO FREE UP. MOTOR STALLING W/MIN. BIT WEIGHT @ 11575. SUSPECT BAD BIT OR MOTOR.
		22:30 24:00	CIRCULATE - BOTTOMS UP PRIOR TO TOH TO CHECK BIT/MOTOR, PUMP TRIP SLUG.
		24:00 05:00	TOH - FOR BIT# 24. 10-20 M# OVERPULL IN OPEN HOLE, NO TIGHT SPOTS. PIPE SPINNERS BROKEN DOWN, HAVING TO CHAIN OUT OF HOLE. SLM.
			PUMP PRESSURE: OFF BOTTOM 1600 PSI/ON BOTTOM 1700-1800 PSI (SLIDING & ROTATING)\\DRILLED WITH 70-100% RETS. LAST 24 HRS. - TOTAL WATER LOST TO HOLE LAST 24 HRS. 1500 BBLs.\\ HAVING TO ROCK STRING & PUMP POLYMER/ENVIRO TORQUE OR SPOT POLYMER/BEAD PILLS TO HELP SLIDE \\CORRECTION TO WATTON CANYON TOP: 11272' MD (11230' TVD).
			WEATHER: CLEAR, CALM, 4 DEG. F./LOC. & ACCESS: SNOW PACKED/SLICK.

OPERATION SUMMARY REPORT

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SUMMARY OF OPERATIONS FROM REPORT No. 58 TO REPORT No. 68

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY		
12/20/93	11670	05:00 06:00	TOH - FINISH TOH TO CHECK MOTOR & BIT. SLM - NO CORRECTION.		
		06:00 08:00	PU/LD BHA & TOOLS - NOTHING VISIBLY WRONG WITH BIT OR MOTOR. LD 2 DEG. MOTOR & MWD PROBE, PU 1.75 DEG. MOTOR W/ KICK PAD, NEW MWD PROBE & BIT.		
		08:00 10:00	TIH - 10 STANDS, PU KELLY TO TEST MWD TOOL. WELL ON HARD VACUUM, MOTOR RUNNING/NO TEST ON MWD DUE TO FALLING FLUID/NO PRESSURE @ SURFACE. DECIDE TO TIH FURTHER & RE TEST. TIH 69 STANDS, PU KELLY, ATTEMPT TO TEST MOTOR & MWD, STRING PLUGGED.		
		10:00 11:00	ATTEMPT TO UN PLUG STRING - BACK SURGE STRING/ WORK PIPE WITH NO SUCCESS.		
		11:00 13:30	TOH - WET, FOUND MWD TOOL & BOTTOM MONEL DC PLUGGED WITH SCALE.		
		13:30 15:30	UN PLUG STRING - CLEAN OUT MWD TOOL & CHANGE OUT PROBE, CLEAN OUT BOTTOM DC PACKED WITH SCALE.		
		15:30 19:30	TIH - W/BHA, TEST MOTOR & MWD - OK, TIH TO TD, NO TIGHT SPOTS, NO FILL.		
		19:30 20:00	CIRCULATE - TO FILL PIPE/CATCH FLUID & GET MWD PULSES. PUMPED @ REDUCED RATE FOR FULL CAPACITY OF STRING. SRTING ATTEMPTED TO PLUG, SURGED PIPE, PLUG CAME LOOSE.		
		20:00 22:00	DRILL SLIDE 11575-11602' - 27'/13.5 FPH - HS-20R		
		22:00 22:30	MWD SURVEY @ 11568' - 74.3 DEG. INC./348.6 AZ.		
		22:30 24:00	DRILL SLIDE 11602-11622' - 20'/13.3 FPH - HS-20R		
		24:00 01:00	DRILL SLIDE 11622-11632' - 10'/10.0 FPH - 90R - TO KILL BUILD RATE.		
		01:00 01:30	MWD SURVEY @ 11598' - 78.9 DEG. INC./347.9 AZ.		
		01:30 04:00	DRILL SLIDE 11632-11664' - 32'/12.8 FPH - HS-20R		
		04:00 04:30	MWD SURVEY @ 11629' - 82.0 DEG. INC./349.6 AZ.		
		04:30 05:00	DRILL SLIDE 11664-11670' - 6'/12.0 FPH - 30R		
					PUMP PRESSURE: VARIES FROM 1100-1800 PSI DUE TO LOST CIRCULATION, TRYING TO RUN 100 PSI DIFFERENTIAL WHILE DRILLING\\DRILLING WITH 75-80% RETS., TOT. WATER LOST TO HOLE LAST 24 HRS. 750 BBLs.\\LT. OIL SHOW W/9900 UTS. GAS @ FLOWLINE ON BOTTOMS UP AFTER TRIP\\ HAVING TO ROCK STRING TO GET IT TO SLIDE/HOLE A LITTLE TIGHT REAMING EACH CONNECTION BACK DOWN TO FREE UP.
					WEATHER: CLEAR, 0-5 MPH WIND/SW, 0 DEG. F., 1/2" NEW SNOW LAST 24 HRS./LOC. & ACCESS: SNOW PACKED/SLICK
		12/21/93	11759	05:00 08:00	DRILL SLIDE 11670-11695' - 25'/8.3 FPH - 90R. HAVING TO ROCK STRING TO GET TO SLIDE.
				08:00 08:30	MWD SURVEY @ 11661' - 86.9 DEG. INC./350.0 AZ.
08:30 10:00	DRILL SLIDE 11695-11727' - 32'/21.3 FPH - 90-120R. STRING SLIDING MUCH BETTER.				
10:00 10:30	MWD SURVEY @ 11692' - 88.4 DEG. INC./351.7 AZ.				
10:30 12:00	DRILL SLIDE 11727-11759' - 32'/21.3 FPH - 80-110R.				

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SUMMARY OF OPERATIONS FROM REPORT No. 58 TO REPORT No. 68

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		12:00 12:30	MWD SURVEY @ 11724' - 86.6 DEG. INC./357.4 AZ.
		12:30 14:00	CIRCULATE - BOTTOMS UP PRIOR TO TOH TO PU STEERABLE BHA.
		14:00 18:30	TOH - FOR STEERABLE BHA. TIGHT @ 11520-11510', COULD NOT PULL THROUGH W/100M# OVER STRING WT. PU KELLY, WORK STRING, CAME FREE SHORTLY AFTER PUTTING PUMP ON HOLE. CONT'D TOH, NO OTHER TIGHT SPOTS.
		18:30 21:00	PU/LD BHA & TOOLS - LD BUILD ASSEMBLY, PU & AJUST ANGLE/ORIENT NEW STEERABLE MOTOR, CHANGE OUT BIT (NOZZLE AREA WORN), CHECK MWD - OK. TEST MOTOR & MWD IN TABLE - OK.
		21:00 24:00	TIH - HIT TIGHT SPOT @ 11510'
		24:00 01:30	WASH/REAM 11510-11579' - WASH TIGHT HOLE 11510-11520', CONT'D REAMING TO TD, NO OTHER TIGHT SPOTS.
		01:30 03:30	WORK W/ MWD TOOL - FILL PIPE, MWD TOOL GIVING GR DATA, BUT NO DIRECTIONAL DATA. CHECK OUT SURFACE EQUIPMENT & SOFTWARE - OK, SUSPECT LOOSE CONNECTION BETWEEN SURVEY & GR PROBES, SURGE STRING IN LAST ATTEMPT TO GET TOOL TO WORK W/NO SUCCESS.
		03:30 05:00	TOH - FOR FAILED MWD TOOL. NO TIGHT SPOTS.
			PUMP PRESSURE: OFF BOTTOM 1150 PSI/ON BOTTOM 1250 PSI (SLIDING & ROTATING)\\PUMPING WITH 80% RETS., TOTAL WATER LOST LAST 24 HRS. 750 BBL.\\LT. OIL & GAS SHOWS @ FLOWLINE @ 11706, 11718', & ON BOTTOMS UP AFTER TRIP.
			WEATHER: CLEAR, 5-10 MPH WIND/SW, 8 DEG. F., NO NEW SNOW LAST 24 HRS./LOC. & ACCESS: SNOW PACKED/SLICK.
12/22/93	11930	05:00 07:30	TOH - CONT'D TOH FOR FAILED MWD TOOL
		07:30 09:30	WORK ON MWD TOOL - BREAK DOWN MWD PROBE, FOUND CONNECTOR BETWEEN SURVEY & GR PROBES DEAD, CHANGE OUT, RE CHECK TORQUE ON ALL CONNS. & SETTING ON MOTOR, TEST MWD & MOTOR - OK.
		09:30 10:30	SLIP & CUT DRILL LINE - 121'
		10:30 14:00	TIH - HIT TIGHT SPOT @ 11510', PU KELLY, STRING SLID FREE ONCE STARTING TO PUMP, TIH TO 11700'.
		14:00 14:30	WASH/REAM 11700-11759' - NO FILL.
		14:30 05:00	DRILL & SURVEY 11759-118-' DRILL ROTATE - 56'/22.4 FPH DRILL SLIDE - 115'/11.8 FPH MWD SURVEY
			SLIDE:11759-11763' 150R\\SLIDE:11763-11820' 130R SLIDE:11820-11825' 120R\\SLIDE:11825-11852' 90R SLIDE:11852-11873' 95R\\ROTATE:11873-11930'
			PUMP PRESSURE: VARIES FROM 1400-1700 PSI DUE TO LOST CIRC. TRYING TO RUN 200 PSI DIFF. PRESS. WHILE ROT. OR SLDG.\\DRILLING W/80-85% RETS. 11759-11884', 0% RETS. 11884-11895', 50% RETS. 11895-11930'\\SOME MINOR GAS SHOWS @ FLOWLINE LAST 24 HRS., NO OIL SHOWS OTHER THAN LT. SHOW

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
 AFE No. :15507
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :1H
 API No. :49-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 58 TO REPORT No. 68

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			<p>ON BOTTOMS UP AFTER TRIP.</p> <p>DRLG./24 HRS.:12.25 HRS./CUM.:913.5 HRS.\\ FUEL:0 GALS./CUM.:111260 GALS.\\CORR. RING #47 @ SAVER SUB; IN @ 2030 HRS. 12/16/93 @ 11140';128.5 CUM. HRS. OF EXP./CORR. RING #2731 @ TOP OF BHA; IN @ 1200 HRS. 12/19/93 @ 11575'; 65.0 CUM. HRS. OF EXP.\\20.25 CUM. ROT. HRS. ON BHA SINCE LAST INSPECTION\\MTR. SN.:475-043 /12.25 HRS. DRLG/85.5 HRS. ON PUMP\\MWD TOOL/ 15.0 HRS. ON PUMP/22.0 TOT. HRS. IN HOLE\\ ROT. HD. RBBR. #1/6.5 ROT. HRS./84.5 TOT. HRS. IN HOLE</p> <p>WEATHER: CLEAR, 0-5 MPH WIND/SW, 0 DEG. F., NO NEW SNOW LAST 24 HRS./LOC. & ACCESS: SNOW PACKED/SLICK</p>
12/23/93	12224	05:00 15:45	<p>DRILL & SURVEY 11930-12071' DRILL ROTATE - 110'/18.3 FPH DRILL SLIDE - 31'/12.4 FPH MWD SURVEY ROTATE:11930-12008'\\SLIDE:12008-12039' 60-70R</p>
		15:45 17:30	<p>ROTATE:12039-12071' SHORT TRIP - 12 STDS. TO INT. CSG. SHOE. 40-80M# OVERPULL 12071-11510', 20M# OVERPULL 11510-10962', PUMP 70 BBL. POLYMER/ENVIRO TORQUE PILL FROM SHOE, TIH, 20M# DOWNDRAG TO TD, NO FILL.</p>
		17:30 05:00	<p>DRILL & SURVEY 12071-12224' DRILL ROTATE - 88'/22.0 FPH DRILL SLIDE - 65'/12.4 FPH MWD SURVEY SLIDE:12071-12101' 40-50R\\ROTATE: 12101-12132' SLIDE:12132-12147' HS-20R\\ROTATE:12147-12161' SLIDE:12161-12171' HS-20R\\ROTATE:12171-12192' SLIDE:12192-12002' HS-20R\\ROTATE:12002-12224'</p> <p>PUMP PRESSURE: 1450 PSI OFF BOTTOM/1700 PSI ON BOTTOM (SLIDING & ROTATING)\\DRILLING W/75% RETS. LAST 24 HRS./LOST TOT. OF 2000 BBLs. WATER LAST 24 HRS.\\NO SIGNIFICANT AMT. OF METAL CUTTINGS FROM DITCH MAGNET SAMPLES LAST 24 HRS.\\HAVING TO ROCK STRING/PUMP POLYMER/ENVIRO TORQUE PILLS AT TIMES TO GET STRING TO SLIDE\\NO OIL OR GAS SHOWS @ FLOWLINE LAST 24 HRS.</p> <p>DRLG./24 HRS.:17.75 HRS./CUM.:931.25 HRS./FUEL/ 24 HRS.:0 GALS./CUM.:111260 GALS.\\CORR. RING #47 @ SAVER SUB; IN @ 2030 HRS. 12/16/93 @ 11140';152.5 HRS. CUM. HRS. OF EXP. /CORR. RING #2731 @ TOP OF BHA; IN @ 1200 HRS. 12/19/93 @ 11575';89.0 CUM. HRS. OF EXP.\\30.25 CUM. ROT. HRS. ON BHA SINCE LAST INSPECTION\\MTR. SN: 475-043/30.0 DRLG. HRS./40.75 HRS. ON PUMP\\ MWD TOOL/37.25 HRS. ON PUMP/46.0 HRS. IN HOLE \\ROT. HD. RBBR. #1/16.5 ROT. HRS./108.5 TOT.</p>

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
 AFE No. :15507
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :1H
 API No. :49-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 58 TO REPORT No. 68

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			<p align="center">HRS. IN HOLE</p> <p>WEATHER: LT. SNOW, CALM, 0 DEG. F., 1" NEW SNOW LAST 24 HRS./LOC. & ACCESS:SNOW PACKED/SLICK</p>
12/24/93	12508	05:00 01:30	<p>DRILL & SURVEY 12224-12508' DRILL ROTATE - 258'/18.1 FPH DRILL SLIDE - 26'/13.0 FPH MWD SURVEY</p> <p>ROTATE:12224-12377'\\SLIDE:12377-12393' HS ROTATE:12377-12408'\\SLIDE:12408-12418' HS ROTATE:12418-12508'</p>
		01:30 02:30	<p>WORK W/MWD TOOL - LOST PULSES WHILE ROTATING @ 12508'. CONT'D PUMPING W/NO RESPONSE, CHECK SURFACE EQUIPMENT - OK, SURGE PIPE IN LAST ATTEMPT TO GET TOOL TO WORK W/NO SUCCESS.</p>
		02:30 03:00	<p>CIRCULATE - ADD'L 1/2 HR. FOR BOTTOMS UP</p>
		03:00 05:00	<p>TOH - FOR FAILED MWD TOOL. MAX. 25M# OVERPULL IN OPEN HOLE, NO TIGHT SPOTS.</p> <p>PUMP PRESSURE: 1450 PSI OFF BOTTOM/1700 PSI ON BOTTOM (SLIDING & ROTATING)\\DRILLING W/50-75% RETS., LOST TOTAL OF 2000 BBLs. WATER LAST 24 HRS.\\NO SIGNIFICANT AMT. OF METAL CUTTINGS FROM DITCH MAGNET SAMPLES LAST 24 HRS.\\HAVING TO ROCK STRING TO SLIDE AT TIMES, PUMPING POLYMER/ENVIRO TORQUE SWEEPS PERIODICALLY TO CLEAN/LUBRICATE HOLE.\\SEVERAL 115-240 UNIT GAS SHOWS, W/ASSOCIATED LT. OIL SHOWS @ FLOWLINE LAST 24 HRS.</p> <p>DRLG./24 HRS.:16.25 HRS./CUM.:947.5 HRS.\\FUEL/24 HRS.:0 GALS./CUM.:111260 GALS.\\CORR. RING #47 @ SAVER SUB; IN @ 2030 HRS. 12/16/93 @ 11140';176.5 CUM. HRS. OF EXP./CORR. RING #2731 @ TOP OF BHA; IN @ 1200 HRS. 12/19/93 @ 11575'; 113.0 CUM. HRS. OF EXP.\\44.5 CUM. ROT. HRS. ON BHA SINCE LAST INSPECTION\\MTR. SN.475-043/46.25 DRLG. HRS./59.75 TOT. HRS. ON PUMP\\MWD TOOL/68.0 TOT. HRS. ON PUMP/70.0 TOT. HRS. IN HOLE\\ROT. HD. RBBR. #1/30.75 ROT. HRS./130.5 TOT. HRS. IN HOLE.</p>
12/25/93	12690	05:00 08:00	<p>WEATHER: PARTLY CLOUDY, CALM, 10 DEG. F., 2" NEW SNOW LAST 24 HRS./LOC. & ACCESS:SNOW PACKED/SLICK</p> <p>TOH - CONT'D TOH FOR FAILED MWD TOOL.</p>
		08:00 10:30	<p>PU/LD BHA & TOOLS - BREAK DOWN & CHECK MWD TOOL, FOUND GR PROBE DEAD, RESULTING IN LOSS OF MWD SIGNAL. LD MOTOR, PU NEW BIT, MOTOR, & MWD TOOL. TEST MOTOR & MWD TOOL - OK.</p>
		10:30 13:30	<p>TIH - 20M# DOWNDRAG, NO TIGHT SPOTS.</p>
		13:30 14:00	<p>WASH/REAM - 50' TO BOTTOM, NO FILL.</p>
		14:00 15:00	<p>LOG - RE RUN MWD GR 12445-12465' IN ORDER TO ESTABLISH DIFFERENCE IN READINGS BETWEEN LAST & CURRENT GR TOOLS.</p>
		15:00 05:00	<p>DRILL & SURVEY 12508-12690'</p>

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
 AFE No. :15507
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :1H
 API No. :49-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 58 TO REPORT No. 68

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
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DRILL ROTATE - 154'/18.1 FPH
 DRILL SLIDE - 28'/9.3 FPH
 MWD SURVEY

SLIDE:12508-12513' 135R\\ROTATE:12513-12597'
 SLIDE:12597-12607' 90R\\ROTATE:12607-12628'
 SLIDE:12628-12641' 90R\\ROTATE:12641-12690'

PUMP PRESSURE: 1350 PSI OFF BOTTOM/1450 PSI ON
 BOTTOM(ROTATING & SLIDING).\\DRILLING W/0-90%
 RETURNS (LOST COMPLETE RETURNS 12565-12570'),
 LOST TOTAL OF 1850 BBLs. WATER LAST 24 HRS. -
 HAVE 3 TRUCKS HAULING PRODUCTION & RESERVE PIT
 WATER TO KEEP UP W/LOSSES.\\BIT TO SURVEY
 PROBE NOW 32', BIT TO GR PROBE NOW 41'\\NO
 SIG. AMT. OF METAL IN DITCH MAGNET SAMPLES LAST
 24 HRS.\\PUMPING POLYMER/ENVIRO TORQUE SWEEPS
 TO CLEAN/LUBRICATE HOLE\\95 UT. GAS SHOW @
 12636' W/ASSOCIATED LT. OIL SHOW @ FLOWLINE.

WEATHER: CLEAR, CALM, 8 DEG. F., NO NEW SNOW
 LAST 24 HRS./LOC. & ACCESS: SNOW PACKED, SLICK

MERRY CHRISTMAS FROM ALL THE PERSONNEL ON
 THE JUDD 34-1H LOCATION

12/26/93 12948 05:00 05:00

DRILL & SURVEY 12690-12948'
 DRILL ROTATE - 165'/17.8 FPH
 DRILL SLIDE - 93'/7.9 FPH
 MWD SURVEY

SLIDE:12690-12703' 90R\\ROTATE:12703-12720'
 SLIDE:12720-12730' 90R\\ROTATE:12730-12751'
 SLIDE:12751-12761' 90R\\ROTATE:12761-12780'
 SLIDE:12780-12795' 90R\\ROTATE:12795-12812'
 SLIDE:12812-12827' 80R\\ROTATE:12827-12843'
 SLIDE:12843-12858' 90R\\ROTATE:12858-12874'
 SLIDE:12874-12889' 100-110R\\ROTATE:
 12889-12948'

PUMP PRESSURE: 1350 PSI OFF BOTTOM/1400 PSI
 SLIDING/1450 PSI ROTATING\\DRILLING W/60-85%
 RETS., LOST TOTAL OF 1750 BBLs. LAST 24 HRS.
 \\NO SIGNIFICANT AMT. OF METAL IN DITCH MAGNET
 SAMPLES LAST 24 HRS.\\285 UT. GAS SHOW @
 12860', 155 UT. GAS SHOW @ 12864'

DRLG./24 HRS.:21.0 HRS./CUM.:980.0 HRS.\\FUEL/
 24 HRS.:0 GALS./CUM.:118299 GALS.\\CORR. RING
 #47 @ SAVER SUB; IN @ 2030 HRS. 12/16/93 @
 11140', OUT @ 0530 HRS. 12/25/93 @ 12690';
 204.0 CUM. HRS. OF EXP./CORR. RING #337 @ SAVER
 SUB; IN @ 0530 HRS. 12/25/93 @ 12690'; 23.5
 CUM. HRS. OF EXP.\\CORR. RING #357 @ TOP OF
 BHA; IN @ 0800 HRS. 12/24/93 @ 12508'; 45.0
 CUM. HRS. OF EXP.\\62.75 CUM. ROT. HRS. ON BHA
 SINCE LAST INSPECTION\\MTR. SN. 475-040/33.5
 DRLG. HRS./39.5 TOT. HRS. ON PUMP\\MWD TOOL/
 39.5 TOT. HRS. ON PUMP/45.5 TOT. HRS. IN HOLE

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
 AFE No. :15507
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :1H
 API No. :49-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 58 TO REPORT No. 68

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
12/27/93	13249	05:00 05:00	<p>\\ROT. HD. RBBR. #1/49.0 ROT. HRS./176.0 TOT. HRS. IN HOLE</p> <p>WEATHER: CLEAR, CALM, 15 DEG. F., NO NEW SNOW LAST 24 HRS./LOC. & ACCESS: SNOW PACKED/SLICK DRILL & SURVEY 12948-13249' DRILL ROTATE - 291/17.4 FPH DRILL SLIDE - 10/3.3 FPH MWD SURVEY</p> <p>ROTATE:12948-13031'\\SLIDE:13031-13036' LS ROTATE:13036-13062'\\SLIDE;13062-13067' LS ROTATE:13067-13249'</p> <p>PUMP PRESSURE:1350 PSI OFF BOTTOM/1400 PSI SLIDING/1450 PSI ROTATING\\LOST FULL RETURNS 13156-13169', DRILLING W/65-80% RETURNS OTHERWISE. HAVE LOST A TOTAL OF 2200 BBLs. WATER TO FORMATION LAST 24 HRS.\\NO SIGNIFICANT AMT. OF METAL IN DITCH MAGNET SAMPLES LAST 24 HRS.\\MAJORITY OF MUD USAGE & MUD COST SHOWN ARE DUE TO AN INVENTORY CHECK & ADJUSTMENT\\NUMEROUS GAS SHOWS AT FLOWLINE LAST 24 HRS. RANGING FROM 100-2050 UTS., SOME WITH ASSOCIATED LT. OIL SHOWS. TURN FLOW THROUGH GAS BUSTER/SKIMMER SYSTEM @ 0445 HRS. 12/27/93, PRESENTLY BURNING LAZY 3 FLARE WHILE PUMPING.</p> <p>DRLG./24 HRS.:19.75 HRS./CUM.:999.75 HRS.\\ FUEL/24 HRS.:0 GALS./CUM.:118299 GALS.\\CORR. RING #337 @ SAVER SUB; IN @ 0530 HRS. 12/25/93 @ 12690';47.5 CUM. HRS. OF EXP./CORR. RING #357 @ TOP OF BHA; IN @ 0800 HRS. 12/24/93 @ 12508';69.0 CUM. HRS. OF EXP.\\79.5 CUM. ROT. HRS. ON BHA SINCE LAST INSPECTION\\MTR. SN. 475-040/53.25 DRLG. HRS./63.5 TOT. HRS. ON PUMP \\MWD TOOL/63.5 TOT. HRS. ON PUMP/69.5 TOT. HRS. IN HOLE\\ROT. HD. RBBR. #1/65.75 ROT. HRS./200.00 HRS. IN HOLE.</p> <p>WEATHER: CLOUDY, 5-10 MPH WIND/SW, 15 DEG. F., NO NEW SNOW LAST 24 HRS./LOC. & ACCESS: SNOW PACKED/SLICK DRILL AND SURVEY,13249-13404</p>
12/28/93	13428	05:00 18:00	<p>ROTATE 13249-13341 \\ SLIDE 13341-13351 LS</p> <p>18:00 20:00 PUMP PILL, SHORT TRIP 27 STANDS, NORMAL DRAG EXCEPT F/ 11960-11867 PULLED 60-80K OVER</p> <p>20:00 03:30 RE LOG GR F/ 12320'-12534'</p> <p>03:30 04:30 DRILL SLIDE, 13406-13411, LS</p> <p>04:30 05:00 DRILL ROTATE, 13411-13428</p> <p>WHILE DRILLING, LOOSING ABOUT 15-20% RETURNS, TOTAL LOSS LAST 24 HRS 1320 BBL, SEEMS TO BE</p>

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
 AFE No. :15507
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :1H
 API No. :49-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 58 TO REPORT No. 68

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FULL RETURNS SINCE WE GOT BACK ON BOTTOM.
 NO AMJOR CHANGE IN METAL IN SAMPLES
 GAS SHOWS AFTER BUSTER FROM 652-4570 UTS, W/
 17600 UTS AFTER SHORT TRIP. FLARE F/2'-20'

DRLG/24 HRS.:14.5 HRS/ CUM:1015.25 HRS.
 FUEL:0 CUM:118299, \CORR RINR #337 @ SAVER SUB
 IN @ 0530 HRS, 12/25/93 @ 12690 62 HRS CUM EXP.
 RING #357 @ TOP OF BHA IN @ 0800 HRS 12/24/93
 @ 12508; 93 HRS CUM EXP.94 HRS SINCE LAST BHA
 INSPECTION. \MTR. SN. 475-040/67.75 ROT HRS.
 87.5 TOTAL HRS. ON PUMP, MUD 87.5 HRS ON PUMP
 93.5 TOTAL HRS. IN HOLE. ROT HEAD RUBBER
 CHANGED @ #2 3.5 ROT HRS, 13 HRS IN HOLE.

12/29/93 13753 05:00 05:00

WEATHER LIGHT SNOW, CALM, 25 DEG.F. LOCATION
 AND ACESS SNOW PACKED AND SLICK. 1" OF NEW
 SNOW LAST 24 HRS.
 DRILL AND SURVEY

DRILL ROTATE

DRILL SLIDE
 13436-13447 90R
 13467-13487 90R
 13496-13516 90R
 13528-13546 120R
 13559-13573 120R
 13713-13718 78-90R

MWD SURVEYS

STILL LOOSING FLUID, F/ TOTAL LOSS TO 20 BBL.
 HR, TOTAL LOSS LAST 24 HRS 1500 BBL.

DRLG./24 HRS: 18.5 / CUM:\ FUEL:0/ CUM:118299
 CORR. RING #337 @ SAVER SUB. IN @ 0530 HRS.
 12/25/93 @ 12690' 86 HRS. TOTAL EXP, RING #357
 @ TOP OF BHA IN @ 0800 HRS. 12/24/93 @ 12508'
 117 TOTAL HRS EXP. 112.5 HRS SINCE LAST BHA
 INSPECTION. \MTR. SN. 475-040 86.25 HRS. TOTAL
 HRS ON PUMP 111.5 MWD 112.5 HRS. ON PUMP, 117.5
 TOTAL HRS IN HOLE. ROT. HEAD RUBBER #2 22 ROT
 HRS. 37 HRS. IN HOLE.

65 BBL OF OIL LAST 24 HRS., TOTAL BBL IN
 HOLDING TANK 161 BBL.

12/30/93 13859 05:00 05:00

WEATHER: 0 DEG. F. CLEAR, CALM, NO SNOW LAST
 24 HRS.
 DRILL, SURVEY, TRIP

DRILL ROTATE

DRILL SLIDE 13828-13839 HS

MWD SURVEYS

CIRCULATE FOR SAMPLES, AND PUMP PILL

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
AFE No. :15507
FIELD :LODGEPOLE TWIN CREEK

WELL No. :1H
API No. :49-043-30301
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SUMMARY OF OPERATIONS FROM REPORT No. 58 TO REPORT No. 68

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SHUT DOWN AND KILL FLOW TO TOH.

PU NEW MOTOR, CHECK MWD AND MOTOR.

FILL PIPE AND ORIENT TOOL

TRIP FOR BIT #27, HOLE TIGHT 11762'-11678,
PULLED 80-100K OVER, MAKING 2-2.5' @ A TIME.
SLM 7.5' LONG, NO CORRECTION. NO FILL, NO
PROBLEMS W/TIH.

BIT LOOKED VERY GOOD, BUTTONS FLAT, OTHER THAN
THAT IT WAS GOOD, SEALS WERE STILL GOOD AND
TIGHT.

DRLG./24 HRS.:7/ CUM:1040.75\\FUEL:0 CUM:
118299\\CORR RING #337 @ SAVER SUB. IN @ 0530
12/25/93 @ 12690' 110 HRS. RING #357 @ TOP OF
BHA IN @ 0800 12/24/93 @ 12508 141 HRS. 119.5
SINCE LAST BHA INSPECTION.\\MTR #475-041 3 HRS
ON PUMP, 7 TOTAL HRS IN HOLE.MWD 126.5 HRS ON
PUMP, 141.5 HRS TOTAL IN HOLE. ROT. HEAD RUBBER
#2 29 ROT HRS, 61 HRS TITAL IN HOLE.

WEATHER:23 DEG.F. PARTLY CLOUDY,CALM, LOCATION
AND ACESS SNOW PACKED AND SLICK.

MADE 25 BBL OF NEW OIL, 186 BBL IN HOLDING TANK

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
 AFE No. :15507
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :1H
 API No. :49-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 69 TO REPORT No. 78

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
12/31/93	14111	05:00 05:00	<p>DRILL AND SURVEY</p> <p>DRILL ROTATE</p> <p>DRILL SLIDE SLIDE 13853-13863 20-30R SLIDE 13883-13898 60R SLIDE 13946-13952 HS SLIDE 13977-13982 HS SLIDE 14099-14107 120R</p> <p>MWD SURVEYS</p> <p>DRLG./24 HRS. 20, CUM:1060.75\\FUEL:0, CUM: 118299\\ CORR. RING #337 @ SAVER SUB IN @ 0530 12/25/93 @ 12960' 134 HRS. RING #357 @ TOP OF BHA IN @ 0800 12/24/93 @ 12508 163 HRS. 139.5 HRS. SINCE LAST BHA INSPECTION, \\MTR. #475-041 27.0 HRS ON PUMP, 31 TOTAL HRS IN HOLE. MWD 150.5 HRS. ON PUMP, 165.5 TOTAL HRS. IN HOLE ROT. HEAD RUBBER #2 49.0 ROT HRS. 85 TOTAL HRS. IN HOLE.</p> <p>HAVING TROUBLE SLIDING, HAVING TO ROCK AND PUMP OIL SWEEPS, AND THEN ONLY 2-4' HR. HAVING TO PULL 120K OVER TO MAKE CONNECTIONS, AND PUSH UP UP TO 80K TO GET BACK TO BOTTOM. LOOSING 150 BBL HR. NOW WHILE DRILLING TOTAL LOSS TODAY 2100 BBL. DRILLED NO FRACTURES TODAY</p> <p>LAST CONN. TOOK 130K OVER TO MAKE, AND HAD TO ROTATE WITH SLIPS TO GET BACK TO BTM. WEATHER:27 DEG.F. CLEAR, CALM, WINDY OVERNITE LOCATION AND ACCESS SNOW PACKED AND SLICK.</p> <p>NO OIL MADE LAST 24 HRS, THAT WE COULD TELL, PUMPING SWEEPS ALL OF THE TIME.</p>
01/01/94	14388	05:00 05:00	<p>DRILL,SURVEY, SHORT TRIP</p> <p>DRILL ROTATE</p> <p>DRILL SLIDE</p> <p>MWD SURVEYS</p> <p>PUMP PILLS</p> <p>FILL PIPE</p> <p>SHORT TRIP 36 STANDS, 100-110K OVER FIRST 12 STANDS, PUSH 60-80 DOWN, CONN NOW ARE 250-280 OVER UP AND 70-85 PUSH DOWN.</p> <p>DRLG./24 HRS 16, CUM:1076.75\\FUEL:0, CUM: 118299\\CORR. RING #337 @ SAVER SUB. IN @ 0530 12/25/93 @ 12960 145 HRS. RING #357 @ TOP OF BHA IN @ 0800 12/24/93 @ 12508 187 HRS. HRS SINCE LAST BHA INSPECTION. \\ MTR. #475-041 53.0 HRS. ON PUMP, 77 TOTAL HRS IN</p>

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
 AFE No. :15507
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :1H
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SUMMARY OF OPERATIONS FROM REPORT No. 69 TO REPORT No. 78

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			<p>HOLE. MWD 172.5 HRS. ON PUMP, 189.5 TOTAL HRS. IN HOLE. ROT. HEAD RUBBER #2 65.0 ROT. HRS. 109 TOTAL HRS. IN HOLE.</p> <p>WEATHER: 25 DEG.F. CLEAR, CALM, TRACE OF NEW SNOW LAST 24 HRS., LOCATION AND ACCESS SNOW PACKED AND SLICK.</p> <p>TRIP GAS WAS BOGAS I THINK AS CONN GAS CAME UP @ 17400 UNITS, TRIP GAS WAS 50-75% OIL, PUMPING ALL OIL BACK DOWN HOLE FOR SWEEPS, ITS HARD TO TELL FOR SURE HOW MUCH NEW OIL WE ARE MAKING. FLARE @ BOTTOMS UP WAS 20-30', NORMAL FLARE IS LAZY 2'. CONN. ARE STILL TIGHT BUT MAKING THEM OK.</p>
01/02/94	14443	05:00 05:00	<p>DRILL, SURVEY, TRIP, REAM</p> <p>DRILL ROTATE</p> <p>DRILL SLIDE SLIDE 14412-14417 HS</p> <p>MWD SURVEYS</p> <p>TRIP</p> <p>CIRCULATE FOR SAMPLES</p> <p>MIX AND PUMP PILLS</p> <p>STAND BACK BHA</p> <p>TRIP, LD 44 JTS DP AND PU 6.5" 3 PT. REAMER</p> <p>SERVICE RIG, CHECK BOP</p> <p>WASH/REAM FROM 13228-13408</p> <p>DRLG./24 HRS3.5,CUM: 1080.25\\FUEL:0, CUM: 118299\\CORR.RING #337 @ SAVER SUB, IN @ 0530 12/25/93 @ 12960, RING #357 169 HRS. RING #357 @ TOP OF BHA, IN @ 0800 12/24/93, @ 12508 211 HRS. 159.5 HRS. SINCE LAST BHA INSPECTION\\MTR #475-041 59 HRS. ON PUMP, 92 HRS.IN HOLE. MWD 178.5 HRS ON PUMP, 202.5 HRS IN HOLE. ROT. HEAD RUBBER #2 68.5. ROT. HRS, 133 TOTAL HR. IN HOLE.</p> <p>WEATHER: 23 DEG. F.CLOUDY, SLIGHT WEST BREEZE 1.5" NEW SNOW LAST 24 HRS. WINDS ON TOH GUSTY 25-50 MPH. LOCATION AND ACCESS SNOW PACKED AND SLICK.</p> <p>STARTED REAMING @ 13228', ALL OF THAT JOINT THEN 12' OF THE NEXT JOINT. NEXT 4 JOINTS WENT IN W/ 30-35 DRAG.</p>
01/03/94	14443	05:00 05:00	<p>WASH AND REAM, CIRC,TRIP</p> <p>WASH/REAM 13338'-14443' CONN STILL TAKE 100K</p>

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
 AFE No. :15507
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :1H
 API No. :49-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 69 TO REPORT No. 78

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
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			<p>OVER TO MAKE, AND 80K TO PUSH IN HOLE, SINCE 14100'</p> <p>PUMP SWEEP AND CIRC FOR SAMPLES</p> <p>MIX AND PUMP PILLS</p> <p>TOH, FIRST 14 STANDS OUT WERE TIGHT, 90K OVER AVERAGE, THEN FREED UP.</p> <p>PU MOTOR AND MWD</p> <p>DRLG./LAST 24 HRS.0 CUM.: 1080.25\FUEL:.0 CUM:118299\CORR. RING #337 @ ASVER SUN IN @ 0530 12/25/93 @ 12960'193 HRS. RING #357 @ TOP OF BHA IN @ 0800 12/24/93 @ 12508 235 HRS. 159.5 HRS. SINCE LAST BHA INSPECTION.\MTR # 475-041 59 HRS O9N PUMP, 92 HRS IN HOLE. MWD 178.5 HRS. ON PUMP, 202.50 HRS.IN HOLE. ROT. HEAD RUBBER #2 92.50 ROT. HRS. TOTAL HRS IN HOLE 157.</p> <p>WEATHER: 24 DEG F., WINDS WEST NORTHWEST @ 5-25 MPH, CLOUDY, NO NEW SNOW LAST 24 HRS.</p> <p>CONN. WHILE REAMING FROM 14100 TO 14443 WERE TIGHT, 100K OVER PICKUP AND 80K ON SLACK OFF, REAMING WENT WELL, HAD TO PULL UP TO 300K TO GET LOOSE ONE CONN., STILL LOOSING FLUID WHILE DRILLING, 1200 BBL LOST LAST 24 HRS.</p> <p>FLARE ALL DAY FROM LAZY 2' TO 25', 8' AVERAGE, HAVE TO BE MAKING SOME NEW OIL BUT WOULD ONLY BA A GUESS AS WE ARE PUMPING IT ALL BACK DOWN HOLE.</p>
01/04/94	14628	05:00 05:00	<p>TRIP, DRILL, SURVEY, CUT DRLG LINE</p> <p>PU MOTOR, AND MWD, CHECK SAME</p> <p>TIH, FILL PIPE,AND INSTALL ROTATING HEAD RUBBER</p> <p>SLIP & CUT DRILL LINE (140')</p> <p>ORIENT TOOL FACE</p> <p>DRILL ROTATE</p> <p>DRILL SLIDE 14443'-14458, HS 14473'-14488, HS 14565'-14570, LS</p> <p>MWD SURVEYS</p> <p>DRLG./24 HRS.12.25, CUM: 1092.5 \FUEL: 7600 CUM:125899 \CORR. RING #337 @ SAVER SUB, IN AT 0530, 12/25/93 @ 12960',217 HRS. RING #357 @ TOP OF BHA, IN @ 0800 12/24/93 @ 12508',259 HRS. 171.75 HRS SINCE LAST BHA INSPECTION.\M</p>

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
 AFE No. :15507
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :1H
 API No. :49-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 69 TO REPORT No. 78

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
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01/05/94	14812	05:00 05:00	<p>MTR. #475-041 75 HRS ON PUMP, 116 TOTAL HRS. IN HOLE. MWD 194. . HRS ON PUMP, 226.5 TOTAL HRS IN HOLE. ROTATING HEAD RUBBER #2 104.75 ROT HRS, 181 TOTAL HRS.</p> <p>WEATHER: 30 DEG. F. CALM, CLEAR, NO NEW SNOW LAST 24 HRS.</p> <p>BOTTOMS UP MOSTLY OIL, FLARE 25-35' 18000+ UNIT TRIP GAS, SHUT IN PRESSURE @ BOTTOMS UP 200# ON DRILL PIPE, 75# ON CASING. BLEW A HOLE IN FILL UP LINE WHILE PUMPING DOWN HOLE.</p> <p>FLARE IS A LAZY 3' RIGHT NOW, UP TO 30' @ BOTTOMS UP, MAKING 10 BBL OIL HR @ TIMES, 224 BBL OIL IN HOLDING TANK.</p> <p>DRILL, CIRC, TRIP, TD AS PER BILL CHARLES 15:00 14812'</p> <p>DRILL ROTATE</p> <p>DRILL SLIDE 14627'-14638' HS</p> <p>CIRCULATE AND CONDITION FOR LOGS</p> <p>PUMP PILLS TO KILL FLOW, SHUT IN PRESSURE DP. 100#, CSG.200#</p> <p>TRIP</p> <p>MWD SURVEYS</p> <p>DRLG./24 HRS.7.75, CUM: 1100.25\FUEL:0, CUM: 125899.\CORR. RING #337 @ SAVER SUB. IN @ 0530 12/25/93 @ 12960' 241 HRS. RING #357 @ TOP OF BHA, IN @ 0800 12/24/93 @ 12508', 283 HRS. 179.5 HRS. SINCE LAST BHA INSPECTION.\ MTR. # 475-041 93 HRS. ON PUMP, 134 TOTAL HRS IN HOLE \MWD 212 HRS. ON PUMP, 244.5 TOTAL HRS. IN HOLE. ROTATING HEAD RUBBER #2 122.75 ROT. HRS. 199 TOTAL HRS. IN HOLE.</p> <p>WEATHER: 26 DEG. F., WINDS SSW @ 20-35 MPH W/ BLOWING SNOW 1-2" NEW SNOW LAST 24 HOURS.</p> <p>PUMPED 6 PPB OF LUBRA BEADS INTO LATERAL SECTION BEFORE TOH, TOOK 180 BBL OF 10.3# FLUID DOWN THE BACK SIDE AND 90 BBL 10.3# FLUID DOWN DP.</p> <p>FLAER WAS LAZY 3' TO 30' THROUGH THE DAY, PUMPING OIL BACK DOWN HOLE FOR SWEEPS, SO HARD TO TELL HOW MUCH NEW OIL WE MADE, GAS F/ 1000 U TO 18000U. DRAG FELL OFF 30K WHILE WORKING PIPE AFTER PUMPING BEADS.</p>
01/06/94	14812	05:00 09:30 09:30 11:30	<p>TOH, SLM, 13.53 LONG, WINDS @ 20-35 MPH</p> <p>LD BHA & TOOLS</p>

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
 AFE No. :15507
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :1H
 API No. :49-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 69 TO REPORT No. 78

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
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		11:30 12:30	PU FMS TOOL
		12:30 16:00	TIH 115 STANDS TO 10669'
		16:00 18:00	PU SIDE DOOR SUD, AND RU SWS
		18:00 04:30	LOGGING, OPEN HOLE
		04:30 05:00	LAY DOWN SIDE DOOR SUB, HAD 122 STANDS FULL OF OIL, 119 BBL, WILL MIX PILL TO DRY IT UP.
			CUM ROTATING HOURS:1100.25,\FUEL:0 CUM:125899 ROTATING HEAD RUBBER #2 122.75 ROT. HRS. TOTAL HRS IN HOLE 203.5
			WEATHER: 22 DEG. F. WINDS OUT OF THE SSE @ 5-15 MPH. GUESS ABOUT 8-10" OF NEW SNOW LAST 24 HOURS. LOCATION AND ACCESS SNOW PACKED AND DRIFTED.
01/07/94	14812	05:00 06:00	THERE WERE NO PROBLEMS GETTING TO BOTTOM WITH LOGS, LOGED FROM 10962' TO 14700', HOLE DRAG ON DRILL PIPE AB 40-60K OVER MOST OF THE TIME. LOGGING OUT W/ FMS GR
		06:00 07:00	RIG DOWN SWS.
		07:00 10:00	TOH W/ LOGGING TOOL
		10:00 11:00	LAY DOWN LOGGING TOOL
		11:00 15:00	RU AMERICAN PIPE, PU AND RUN 94 JTS. OF 4.5" 11.6 # LTC PERFERATED LINER, 4006.39'.
		15:00 19:30	TIH W/ LINER, LANDED @ 10812', TOP OF LINER IS AT 10806'. TOOK 60-70K TO PUSH LINER TO BTM. DIDN'T HAVE O ROTATE AT ALL.
		19:30 19:45	DROP OFF LINER, SET 40K ON SET TOOL, PUT 3 ROUNDS LEFT HAND TORQUE IN PIPE, AND PICK UP STRING, TOOL LOOSE.
		19:45 05:00	RU LD MACHINE, AND LD DP
			CUM. ROTATING HOURS: 1100.25\FUEL:0 CUM: 125899 ROTATING HEAD RUBBER #2 227.5 TOTAL HOURS IN HOLE.
			WEATHER: 28 DEG.F. CALM, 4-5" NEW SNOW LAST 24 HOURS. LOCATION AND ACCESS SNOW PACKED AND DRIFTED.
01/08/94	14812	05:00 08:30	LD DRILL PIPE
		08:30 09:00	BREAK KELLEY
		09:00 10:00	LD DRILL PIPE.

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H
 AFE No. :15507
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :1H
 API No. :49-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 69 TO REPORT No. 78

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		10:00 11:15	RU, SET BULL PLUGGED MANDRELL, TEST TO 1500# F/ 15 MIN. "OK"
		11:15 05:00	NIPPLE DOWN BOP AND CLEAN PITS. CUM. ROTATING HOURS: 1100.25\ FUEL:0 CUM: 125899 ROTATING HEAD RUBBER #2 231 TOTAL HRS. IN HOLE. WEATHER: 19 DEG. F. CLOUDY, CALM LOCATION AND ACESS SNOW PACKED AND SLICK.
01/09/94	14812	05:00 18:00	MAY STILL HAVE ALL DAY CLEANING PITS, IT'S SLOW CLEAN MUD TANKS, RELEASE RIG @ 18:00 HRS 1-8-94 DIRECTIONS TO NEW LOCATION FROM COALVILLE, TRUN RIGHT ON CHALK CREEK RD. (100 NORTH) 15.8 MILES, TURN RIGHT AT CATTLE GUARD WITH 4'X8' PLYWOOD SIGN, THAT SAYS NO TRESPASSING, FOLLOW MAIN RD 1.3 MILES TO LOCATION. MILAGE FROM LOCATION TO LOCATION IS 20.2 MILES.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

LEASE DESIGNATION AND SERIAL NO.

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Judd

9. WELL NO.

34-1H

10. FIELD AND POOL, OR WILDCAT

Lodge Pole - Twin Creek

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec 34, T2N, R6E

12. COUNTY

Summit

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

1. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESRV. Other _____

2. NAME OF OPERATOR
Union Pacific Resources Company

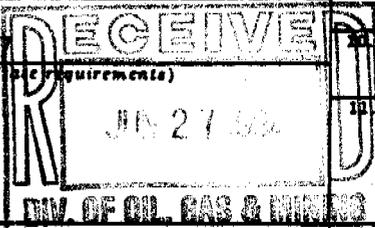
3. ADDRESS OF OPERATOR
PO Box 7 MS 3006 Fort Worth, TX 76101-0007

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 711' FSL, 552' FWL SW SW

At top prod. interval reported below

At total depth 660' FNL, 1980' FWL NE NW



14. API NO.

49-043-30301

15. DATE SPUDDED

10-23-93

16. DATE T.D. REACHED

01-04-94

17. DATE COMPL. (Ready to prod.)

05-26-94 (Plug & Abd.)

18. ELEVATIONS (DP, RES, RT, GR, ETC.)

7589' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

14,811 MD/11,555 TVD

21. PLUG BACK T.D., MD & TVD

NA

22. IF MULTIPLE COMPL., HOW MANY

NA

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-14, 811

NA

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)

Watton Canyon 10806' - 14812' (TWNCR)

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Laterolog - Gamma Ray MUD LOG 6-27-94

WAS WELL CORED YES NO (Submit analysis)

DRILL STEM TEST YES NO (See instruction card)

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	MOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 3/4"	45.5#	2,000'	14 3/4"	1210 sx 3565 POZ + 550sx Class G	
7 5/8"	29.7#	10,962'	9 7/8"	700 sx G, 515 sx 35-60 POZ	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT	SCREEN (MD)
4 1/2"	10,806'	14,812'	Open Hole	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	8997'	10767'

31. PERFORATION RECORD (Interval, size and number)

NA

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,400-14,000'	20,200 gal HCL and

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
05-26-94		pump 25' 1 1/2" x 5'				producing	
DATE OF TEST	HOURS TESTED	CHOKES SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
05-09-94	24	NA	→	160	40	30	250
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
50	20	→	160	40	30	-	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

sold

TEST WITNESSED BY

Paul Smith

LIST OF ATTACHMENTS

logs forwarded under separate cover

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

W.F. Brant

TITLE

Sr. Regulatory Analyst

DATE

June 23, 1994

See Spaces for Additional Data on Reverse Side

INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

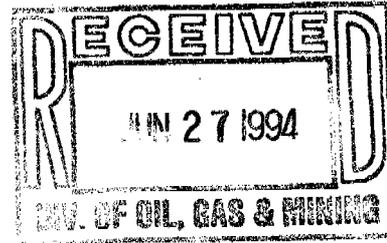
ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES: Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.	38. GEOLOGIC MARKERS												
Formation	Name												
Top	Meas. Depth												
Bottom	True Vert. Depth												
Description, contents, etc.	Top												
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">Stump</td> <td style="width: 50%; padding: 5px;">8726'</td> <td style="width: 50%; padding: 5px;">8711'</td> </tr> <tr> <td style="padding: 5px;">Pruess</td> <td style="padding: 5px;">9012'</td> <td style="padding: 5px;">8997'</td> </tr> <tr> <td style="padding: 5px;">Twin Creek</td> <td style="padding: 5px;">10440'</td> <td style="padding: 5px;">10,422'</td> </tr> <tr> <td style="padding: 5px;">Matton Canyon</td> <td style="padding: 5px;">11,272'</td> <td style="padding: 5px;">11,230'</td> </tr> </table>	Stump	8726'	8711'	Pruess	9012'	8997'	Twin Creek	10440'	10,422'	Matton Canyon	11,272'	11,230'
Stump	8726'	8711'											
Pruess	9012'	8997'											
Twin Creek	10440'	10,422'											
Matton Canyon	11,272'	11,230'											



UNION PACIFIC RESOURCES COMPANY

JUDD #34-1H

711' FSL & 552' FWL

SW SW SECTION 34, T2N, R6E

LOGEPOLE FIELD

SUMMIT COUNTY, UTAH
CONFIDENTIAL

Note: *This is a horizontal hole and the second mechanically successful horizontal Twin Creek well. Bottom hole location is 3,379' north & 1,204' east of the surface location.*

Prepared by:

Wayne Freisatz
c/o Sunburst Consulting
235 Alkali Creek Road
Billings, Montana 59105
(406) 259-4124

Prepared for:

Ross Matthews
c/o Union Pacific Resources
801 Cherry St., MS #3706
Ft. Worth, Texas 76102
(817) 877-6763

Sunburst Consulting
A Geological Service

WELL EVALUATION

GENERAL:

The Union Pacific Resources Company Judd #34-1H was designed as a **horizontal test** to test a fault-controlled fractured reservoir within the Watton Canyon member of the Jurassic Twin Creek Formation. The well is located within the limits of Lodgepole Field in Overthrust Belt of Summit County, Utah. The Judd is the second in a series of lateral Twin Creek wells and follows the success of the pilot well in the program, the Elkhorn UPRR 19-2X in the nearby Elkhorn Ridge Field.

Lodgepole Field was discovered in 1976 with the completion of the American Quasar #35-1 UPRR [SE NW Section 35, Township 2 North, Range 6 East] for 128 BOPD, 76 MCFGPD and 2 BWPD from the Twin Creek Formation. Ten wells, including three dry holes, were eventually drilled in an area encompassing 5 sections. Production in the field is limited to the Jurassic section, including both the Twin Creek and Nugget formations. Located approximately one quarter mile to the west of the Judd surface location, the Conoco #1 UPRC-33 produced in excess of 372 MBO and 180 MMCFG from the Twin Creek during its nine year production history beginning in 1984. The #1 UPRC-33 has been shut-in by its current operator, Union Pacific Resources Company, due to low production rates. Two abandoned producers are located in the same section as the Judd #34-1H and provide excellent well control for the UPRC lateral. They are the American Quasar Petroleum Judd #34-1 [SE NE Section 34, Township 2 North, Range 6 East] and the American Quasar Petroleum Judd #34-2 [SE NW Section 34, Township 2 North, Range 6 East].

Union Pacific Resources Company staked the Judd #4-1H at 711' FSL and 552' FWL in the SW SW of Section 34, Township 2 North, Range 6 East, Summit County, Utah. The objective of well was to deviate the wellbore toward a horizontal target in the lower Watton Canyon [also known as Walton Canyon] member of the Twin Creek Formation. The designated target zone [95' target] was between 11,037' and 11,132' on the Judd #34-1 logs. The goal was to expose as much of the lateral as possible to the optimum prospective zone [designated the 30' target], correlative to 11,102' through 11,132' on the Judd #34-1 logs. In anticipation of slight downward dip in the planned direction of the lateral, the well was designed to reach an inclination of 86° to 88° (a lateral oblique ?). It was anticipated that the wellbore would follow the natural dip to stay within the target zone. The goal was to drill along an azimuth of N22°E until approximately 4,159' of vertical section or a hard-line restriction was encountered.

OPERATIONS:

Drilling commenced at 21:00 on October 23, 1993. Bottom hole stabilization and directional drilling tools were employed early on in an effort to drill a non-deviated hole to the proposed kick-off point.

A multi-shot deviation survey was made of the hole prior to running 10.75" surface casing to 2,000'. Bottom hole closure at surface casing point was found to be 35' north and 18' west of the surface location.

A Dual Laterolog with a Gamma Ray was run in the open hole prior to setting intermediate casing at 10,965'. A multi-shot deviation survey was run inside of the 7.625" and 7.75" intermediate casing. The tie-in point for subsequent directional drilling was surveyed at a measured depth [MD] of 10,960', true vertical depth [TVD] 10,938.97'. Bottom hole closure was 46.63' south and 373.3' east of the surface location, at an angle of 7.7° and an azimuth of 117.7°.

Directional drilling toward the horizontal target began on December 15, 1993, using Sperry-Sun MWD (measurement while drilling) and downhole drilling motors. The Judd was kicked-off toward horizontal at 10,972' MD, 10,950' TVD, just out from under intermediate casing. Hole angle was built to 79° upon initial encounter with the top of the 30' target at 11,590' MD, 11,383' TVD. The hole angle continued to build toward near horizontal and the 30' target zone was traversed from top to near the bottom between 11,590' MD and 12,354' MD. A fault with approximately 94' of throw was encountered at approximately 12,354' MD, which brought the well path back up to near the top of the 95' target zone.

The well path made a gradual traverse through the upper portion of the 95' target between 12,354' MD and 13,330' MD where another fault was encountered. The well path was diverted up section by approximately 9' at this apparent normal fault. The 9' stratigraphic section was repeated before the well path continued down stratigraphically to its next encounter with the top of the 30' target. The top of the 30' target was reached for the second time at 13,550' MD, 11,511' TVD. The well path continued to move down stratigraphically and the base of the target zone was reached at 13,856' MD, 11,545' TVD. The well bore continued just below the base of the target zone until another major fault was encountered at 14,206' MD. This fault had an apparent throw of approximately 123', and brought the well path up stratigraphically to the top of the Watton Canyon.

When it became apparent that the wellbore would not likely re-enter the target zone in the remaining lateral, total depth was declared at 14,811' MD, 11,555' TVD.

TD was reached at 15:00 on January 4, 1994. A total of 3,587' of vertical section was drilled in the Judd #34-1H. *The bottom hole location at total depth was 3,379' north and 1,205' east of the surface location in the NE NW of Section 34.* The hole was circulated at total depth in preparation for the tubing-conveyed FMS log and running the pre-perforated 4.5" production liner. The Sunburst Consulting wellsite geologist was released prior to the FMS logging run.

A pre-drilled production liner was run in the lateral portion of the Judd #34-1H for an attempted completion in the Watton Canyon member of the Twin Creek Formation.

ZONES OF INTEREST:

The geologic supervision of the Judd #34-1H began above the Stump Formation [Jurassic in age] at 8,000'. Only 10' of lower Preuss salt was present in the Judd. The top of the Twin Creek formation, the Giraffe Creek member, was encountered at 10,440' MD, TVD 10,422' (-2809'). The Leeds Creek member was topped at 10,921' MD, TVD 10,900' (-3287') prior to intermediate casing point. The Watton Canyon member was reached during the drilling of the curve toward the horizontal target at 11,272' MD, TVD 11,230' (-3617').

The first significant hydrocarbon shows in the well were encountered at 11,278' MD, TVD 11,235' (-3622'). Gas readings rose from 2 units before the show [1% methane in air = 100 units] to a peak of 150 units, then decreased gradually to 3 units after the show. Large and significant increases in the heavy gas components [C₃ through nC₄s] were noted in association with the show, indicating the presence of oil. This gas show correlates to the upper-most beds of the Watton Canyon member of the Twin Creek Formation, immediately below the argillaceous bench marking the top of the unit. There was no hydrocarbon show noted in the cuttings samples recovered from this interval. Therefore, it was interpreted to represent influx of hydrocarbon gases into the wellbore from fractures. Following this gas show the background levels were elevated [as compared to prior to the show] with connection, downtime and trip gas peaks noted. This seemed to indicate that the show zone continued to produce gas into the wellbore.

The background gas level was again elevated following a series of sharp gas peaks between 11,374' & 11390' MD. This zone was interpreted to have been fractured. Lost circulation was experienced briefly around 11,460' MD. After circulation was regained the first noticeable show of free oil was noted along with a 1,000 unit gas peak. A downtime gas of 9,500 units was registered around 11,485', corresponding with the time period when the rotating head was being installed on top of the BOPs. Connection and downtime gas peaks, as well as trip gases, were noted for virtually every interruption of mud circulation for the balance of the drilling of the Judd. Other potentially fractured zones were noted at 11,518' MD, in the top of the 30' target at 11,604' MD, and at 11,885' MD where circulation was lost briefly. An increase in the

background gas level was noted in association with the fault at 12,354' MD, which shifted the well path back up stratigraphically to the top of the 95' target. The background gas level rose gradually over the subsequent 850' MD. Small shows of oil were visible with each connection, downtime and trip gas recorded, with a noticeable accumulation of free oil in the mud system.

A noticeable upward shift in gas levels and the magnitude of the connection gases occurred as the well traversed the 20' of relatively clean beds just above the 30' target. The connection gases increased from hundreds of units to thousands of units, and significant "slugs" of free oil were noted with each peak. The mud flow was diverted through the gas buster and oil skimming system for most of the balance of the drilling of the Judd. Circulation was lost briefly at the top of the 30' target zone at 13,550' MD. Relatively high background gas levels and large connection gases with free oil were observed for the balance of the drilling of the lateral. Although subject to interpretation, the trends established in the gas curves seem to indicate the largest incremental additions to the hydrocarbon influx occurred each time the 20' zone just above the 30' target was traversed.

SAMPLE EVALUATION:

Cuttings samples through the lateral portion of the well were fair to poor in quality and may not have been representative of the rocks being drilled. The size of the cuttings varied between normal and very fine, which may indicate variable "milling" of the samples by the drill pipe as they pass through the lateral portion of the hole. The samples also appeared to be homogenized, showing almost no variation from sample to sample. The amount of material being circulated to the surface, and therefore available for sampling, decreased during the drilling of the curve. During some portions of the drilling of the lateral there was little or no material available for sampling. Once the flow was diverted through the gas buster and oil skimming system the quality and quantity of cuttings samples further declined. Some minor instances of lost circulation were encountered during the drilling of the lateral, especially after trips. The time required to regain returns at surface varied from 0.5 to 1.5 hours after resumption of circulation following trips. In general, samples exhibited a lack of matrix porosity.

(continued)

DIP ESTIMATES:

The formation dips encountered in the drilling of the Judd were variable through the length of the lateral. Dip estimations were made while drilling using the apparent thickness variations between recognizable gamma ray markers in the Judd and the offset "vertical" wells. The dip calculations were also cross-checked by the use of the UPRC "true stratigraphic dip" workstation program. The estimated dips calculated at the well location by Sunburst Consulting are shown along with the deviation surveys in the "Survey" portion of this report. The "Est.top TVD Target" listed in the "Survey" report refers to the top of the 30' target rather than the total 95' thick target zone. The "TVD Diff." or TVD difference is between the survey TVD and the top of the 30' target in a vertical direction at that survey point. Positive numbers in the "TVD Diff." column indicate the well path is above the 30' target, negative values indicate the survey TVD is below the top of the 30' target, and values more negative than -30' [e.g. -33'] indicate drilling below the base of the target. The "Est.Dip" is given in degrees, with positive values indicating dip up [or greater than 90° bed inclination] and negative values indicating dip down [or less than 90° bed inclination] as seen from the perspective of the surface location.

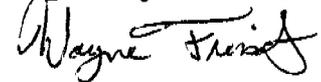
The interpreted formation dip near the surface location approached 5° up toward the northeast. Between the surface location and 179' vertical section the structure apparently rolled over to a downward dip. The apparent dip varied between -1.3° and -4.3° between 179' and 413' vertical section. The dip angle apparently declined to -2.7° between 413' and 1,130' vertical section. The dip declined further, following the fault at 12,354' MD, to a down dip of 0.2° between 1,130' and 1,593' vertical section. An apparent up dip was calculated between 1,593' and 2,122' vertical section, declining from a 3.55° to a 0.49° dip. The structure again rolled over to a predominately downward dip, following the fault at 13,330' MD, between 2,122' and 2,657' vertical section, varying between -2° and -0.2° dip. The structure apparently flattened out between a vertical section of 2,657' and 2,871'. The fault block entered at about 14,206' MD seemed to display stronger downward dips, ranging from -6.7° to -10° to the end of the lateral. The combination of the fault displacement and the strong downward dip brought the well path back up to the top of the Watton Canyon by the end of the lateral.

(continued)

CONCLUSIONS:

- 1) The UPRC Judd #34-1H was successful in laterally penetrating fault-controlled, oil-bearing, fractured reservoir in the Watton Canyon member of the Jurassic Twin Creek Formation. A minimum of drilling problems were encountered.
- 2) A total measured depth of 14,811' [TVD 11,555'] was reached in the lateral at a bottom hole location 3,379' north and 1,205' east of the surface location. Total vertical section was 3,587'. The surface location is in the SW SW Section 34, T2N, R6E. The bottom hole location is in the NE NW of the same section.
- 3) A total of 2,463' of the primary target zone were drilled in the lateral, with an additional 350' drilled in the unit just below the base of the target zone. A total of 1,070' were drilled in the 30' target.
- 4) 24,000 barrels of mud were lost to fractures in the Twin Creek formation during the drilling of the Judd #34-1H, about 1/5 of the volume lost in drilling the Elkhorn UPRR 19-2X. Also noteworthy was the production of crude oil while drilling [over 200 barrels].
- 5) The potentially oil productive portion of the Twin Creek Formation began at the top of the Watton Canyon member and continued through the primary target zone. The best portions [most highly fractured] of the lateral seemed to be in the ~20' stratigraphically above the 30' target. At least three recognizable faults were encountered during the lateral.
- 6) Production testing seems justified in order to test the potential of the multiple fracture systems penetrated by the lateral wellbore.

Respectfully submitted,



Wayne Freisatz
Sunburst Consulting

WELL DATA SUMMARY

OPERATOR: UNION PACIFIC RESOURCES COMPANY

ADDRESS: 801 Cherry Street, MS #3706
Fort Worth, Texas 76102

WELL NAME: Judd #34-1H

SURFACE LOCATION: 711' FSL & 552' FWL
(SW SW) Section 34, T2N, R6E

BOTTOM HOLE LOCATION: 3,379' north, 1,204' east of surface location
in the NE NW of Section 34, T2N, R6E

COUNTY: Summit

STATE: Utah

FIELD: Lodgepole

BASIN: Thrust Belt

WELL TYPE: Horizontal Twin Creek

PERMIT #: API# 43-043-30301

BASIS OF PROSPECT: Well control, seismic
To exploit fault-controlled, oil-bearing fractures in the Watton Canyon member of the Jurassic Twin Creek formation by lateral drilling

ELEVATION: GL: 7589' SUB: 24' KB: 7613'

SPUD DATE: 21:00 October 23, 1993

TOTAL DEPTH/DATE: 14,811' MD, 11,555' TVD @ 15:00 on January 4, 1994

BOTTOM HOLE DATA: Kick-off Point: 10,972'
Vertical Section: 3,587'
Final Azimuth: 20.2°
Target exposed: 3,221'

TOTAL DAYS: 74 **DRILLING HOURS:** 1,193.75 rotating hours

STATUS OF WELL: Ran pre-drilled liner for Twin Creek completion

CONTRACTOR: SST Drilling Rig #56

TOOLPUSHER: "Doc" Asay, Chris White

FIELD SUPERVISORS: Don Presenkowski, Bobby Cooper

MUD ENGINEERS: Leon Berg, Carlos Bassett of Baroid

MUD TYPE: Salt/Gel, Water

WELLSITE GEOLOGIST: Wayne Freisatz, Randy Wallis of Sunburst Consulting

PROSPECT GEOLOGIST: Ross Matthews of UPRC

MUDLOGGER: Randy Wallis, Grant Burroughs of Sunburst Consulting

DIRECTIONAL WORK: Sperry Sun Drilling Services

DRILLERS: Sonny Hoburka, Rod Kessel

MWD COMPANY: Sperry-Sun Drilling Services

ENGINEERS: Frank Schulte, Larry Anderson, Steve Townsend, John Sutphin

GEOLOGICAL SAMPLING PROGRAM:
30' caught by the rig crews from 8,000' to 10,950'
10' caught by the mudloggers from 10,965' to 12,000'
30' caught by the mudloggers from 12,000' to 14,811'

HOLE SIZE:
14.75" from surface to 2,000'
9.875" from 2,000' to 10,965'
6.5" from 10,965' to 14,811'

CASING:
10.75" 45.5# J-55 STC set @ 2,000'
7.625" 29.7# P110 BTC & 7.75" 46.1# S125 LTC set @ 10,962'
pre-perforated liner run after Sunburst released

DRILL STEM TESTS: None

CORE PROGRAM: None

ELECTRIC LOGS: Atlas Wireline Service ran a Dual Laterolog - Gamma Ray from 10,940' to ground surface prior to intermediate casing.

Schlumberger Well Services ran a FMS after Sunburst was released.

MARKER TOPS

Marker	Measured	TVD	Subsea	Comments
Stump	8726'	8711'	-1098'	DLL top
Preuss	9012'	8997'	-1384'	DLL top
Preuss salt	10400'	10383'	-2770'	only 10' of salt
Twin Creek	10440'	10422'	-2809'	Giraffe Creek Mbr.
Leeds Creek	10921'	10900'	-3287'	member of Twin Ck.
Kick off pt.	10972'	10950'	-3338'	begin MWD GR
Watton Canyon	11272'	11230'	-3617'	member of Twin Ck.
Top 95' target	11388'	11308'	-3695'	#34-1 equiv. 11036'
Top 30' target	11590'	11383'	-3770'	#34-1 equiv. 11101'
fault	12354'	11446'	-3833'	~94' throw up section
fault	13330'	11479'	-3866	~9' throw up section
Top 30' target	13550'	11511'	-3898'	poss. fault in zone
Base target	13856'	11545'	-3932'	#34-1 equiv. 11131'
fault	14206'	11561'	-3948'	~123' throw up section
Watton Canyon	14606'	11563'	-3950'	going up section
Total Depth	14811'	11555'	-3942'	~25' above Watton Canyon stratigraphically

DISTRIBUTION:

Utah Board of Oil, Gas & Mining
Suite 350, 3 Triad Center
355 West North Temple
Salt Lake City, Utah 84108-1203

Union Pacific Resources Co.
801 Cherry Street, MS #3605
Fort Worth, Texas 76102
Attn: Bill Charles

Union Pacific Resources Co.
801 Cherry Street, MS #A-105
Fort Worth, Texas 76102
Attn: Record Center - Annex

Union Pacific Resources Co.
801 Cherry Street, MS #3706
Fort Worth, Texas 76102
Attn: Ross Matthews

Union Pacific Resources Co.
801 Cherry Street, MS #3407
Fort Worth, Texas 76102
Attn: Roy Rector

Union Pacific Resources Co.
3603 East Chalk Creek Road
Coalville, Utah 84017-0527
Attn: Paul Smith

< SUNBURST CONSULTING >

Operator: Union Pacific Resources Co.
 Well : Judd #34-1H
 Location: Summit Co., Utah
 Surface : Sec 34, T2N, R6E
 Date: 01/09/94

Kick-off: 12/15/93
 Finish: 1/04/94
 Directional Supervision:
 Sperry Sun
 Time: 22:00

< Minimum Curvature Method (SPE-3362)

Proposed dir: 20 >

No.	MD	INC	TRUE		N-S	E-W	SECT	DLS/ 100	Est.top	TVD	TVD	Est.
			AZM	TVD					Target			
0	10900.00	8.04	115.70	10879.54	-42.94	365.96	84.82	0.00	11375.00	495.46	3.88	
Tie	10960.00	7.70	117.70	10938.97	-46.63	373.30	83.86	0.73	11375.07	436.09	3.88	
1	10983.65	8.10	110.30	10962.40	-47.94	376.27	83.64	4.62	11375.08	412.68	3.88	
2	11015.48	8.80	79.90	10993.90	-48.29	380.77	84.85	14.04	11375.00	381.10	3.88	
3	11046.03	10.40	62.30	11024.03	-46.60	385.51	88.06	10.88	11374.78	350.75	3.88	
4	11076.04	12.90	55.80	11053.42	-43.46	390.68	92.78	9.40	11374.46	321.04	3.88	
5	11105.15	16.20	51.00	11081.59	-39.08	396.53	98.90	12.06	11374.05	292.45	3.88	
6	11136.84	21.30	46.40	11111.59	-32.32	404.14	107.85	16.74	11373.44	261.85	3.88	
7	11166.42	25.30	34.90	11138.77	-23.42	411.65	118.78	20.42	11372.70	233.93	3.88	
8	11196.94	27.10	22.40	11166.17	-11.64	418.03	132.04	18.98	11371.52	205.35	5.06	
9	11228.74	29.50	10.60	11194.19	2.77	422.24	147.02	19.11	11370.20	176.00	5.06	
10	11259.20	34.50	1.50	11220.03	18.78	423.85	162.61	22.77	11368.82	148.78	5.06	
11	11288.53	39.70	356.20	11243.42	36.45	423.44	179.08	20.80	11369.18	125.76	-1.3	
12	11320.18	46.50	351.90	11266.52	57.93	421.15	198.48	23.39	11369.61	103.09	-1.3	
13	11349.40	52.10	350.50	11285.57	79.81	417.75	217.88	19.51	11370.04	84.47	-1.3	
14	11380.28	56.60	348.90	11303.56	104.49	413.26	239.53	15.17	11370.52	66.96	-1.3	
15	11410.63	61.10	351.40	11319.26	130.07	408.83	262.06	16.42	11371.02	51.76	-1.3	
16	11442.40	64.30	350.70	11333.83	157.96	404.44	286.76	10.26	11372.88	39.05	-4.3	
17	11471.93	67.80	350.10	11345.82	184.56	399.93	310.22	12.00	11374.65	28.83	-4.3	
18	11503.60	69.80	348.40	11357.27	213.57	394.42	335.59	8.06	11376.56	19.29	-4.3	
19	11533.79	71.70	348.60	11367.22	241.50	388.74	359.89	6.32	11378.39	11.17	-4.3	
20	11567.60	74.30	348.60	11377.11	273.19	382.35	387.49	7.69	11380.47	3.37	-4.3	
21	11597.96	78.90	347.90	11384.14	302.10	376.34	412.59	15.32	11382.37	-1.78	-4.3	
22	11628.78	82.00	349.60	11389.25	331.90	370.41	438.57	11.43	11383.57	-5.69	-2.7	
23	11660.71	86.90	350.00	11392.34	363.17	364.79	466.03	15.40	11384.84	-7.50	-2.7	
24	11692.00	88.40	351.70	11393.62	394.03	359.82	493.33	7.24	11386.10	-7.52	-2.7	
25	11723.80	86.60	357.40	11395.01	425.64	356.80	522.01	18.78	11387.43	-7.58	-2.7	
26	11754.79	86.80	1.90	11396.80	456.57	356.61	551.01	14.51	11388.77	-8.03	-2.7	
27	11785.68	86.10	5.30	11398.71	487.34	358.54	580.58	11.22	11390.14	-8.57	-2.7	
28	11817.45	83.70	6.50	11401.53	518.81	361.80	611.27	8.44	11391.56	-9.97	-2.7	
29	11849.21	83.40	10.60	11405.10	550.01	366.49	642.19	12.86	11392.99	-12.11	-2.7	

No.	MD	INC	TRUE					SECT	DLS/ 100	Est.top	TVD Diff.	Est. Dip
			AZM	TVD	N-S	E-W	Target					
30	11880.85	84.20	13.90	11408.52	580.75	373.16	673.35	10.67	11394.43	-14.09	-2.7	
31	11912.52	84.20	9.90	11411.72	611.57	379.66	704.54	12.57	11395.88	-15.85	-2.7	
32	11942.17	84.30	11.40	11414.69	640.56	385.11	733.65	5.04	11397.23	-17.47	-2.7	
33	11973.87	84.60	11.50	11417.76	671.49	391.37	764.85	1.00	11398.67	-19.09	-2.7	
34	12004.85	84.70	11.70	11420.65	701.70	397.57	795.36	0.72	11400.08	-20.57	-2.7	
35	12036.52	84.80	12.80	11423.55	732.52	404.27	826.61	3.47	11401.53	-22.02	-2.7	
36	12066.20	84.40	12.40	11426.34	761.36	410.71	855.91	1.90	11402.88	-23.46	-2.7	
37	12097.56	84.80	14.50	11429.29	791.72	417.97	886.93	6.79	11404.32	-24.97	-2.7	
38	12126.67	84.30	14.50	11432.06	819.78	425.23	915.77	1.72	11405.65	-26.40	-2.7	
39	12157.81	85.20	14.80	11434.91	849.78	433.07	946.65	3.05	11407.08	-27.82	-2.7	
40	12189.41	86.30	15.80	11437.25	880.17	441.39	978.05	4.70	11408.54	-28.71	-2.7	
41	12218.38	87.20	14.20	11438.89	908.11	448.87	1006.87	6.33	11409.87	-29.02	-2.7	
42	12249.77	87.40	12.20	11440.37	938.63	456.03	1038.00	6.40	11411.31	-29.06	-2.7	
43	12279.12	87.10	12.70	11441.78	967.26	462.35	1067.06	1.99	11412.66	-29.12	-2.7	
44	12310.86	86.80	11.80	11443.47	998.23	469.08	1098.47	2.99	11414.11	-29.36	-2.7	
45	12342.46	86.00	11.40	11445.45	1029.13	475.42	1129.67	2.83	11415.55	-29.90	-2.7	
46	12373.71	86.10	14.00	11447.60	1059.54	482.27	1160.59	8.31	11511.68	64.08	-0.2	
47	12405.64	87.00	12.00	11449.52	1090.59	489.44	1192.22	6.86	11511.81	62.28	-0.2	
48	12436.90	87.80	10.40	11450.94	1121.22	495.51	1223.08	5.72	11511.93	60.99	-0.2	
49	12468.78	88.30	9.40	11452.03	1152.61	500.98	1254.44	3.51	11512.06	60.03	-0.2	
50	12501.95	88.80	11.70	11452.87	1185.21	507.05	1287.15	7.09	11512.19	59.32	-0.2	
51	12533.57	88.30	10.30	11453.67	1216.23	513.09	1318.37	4.70	11512.31	58.65	-0.2	
52	12565.15	88.30	9.30	11454.60	1247.34	518.46	1349.44	3.17	11512.44	57.83	-0.2	
53	12596.82	88.30	8.40	11455.54	1278.62	523.33	1380.50	2.84	11512.56	57.02	-0.2	
54	12626.62	88.40	10.60	11456.40	1307.99	528.24	1409.78	7.39	11512.68	56.28	-0.2	
55	12658.17	88.30	10.50	11457.31	1339.00	534.02	1440.89	0.45	11512.81	55.49	-0.2	
56	12688.87	88.40	10.10	11458.19	1369.19	539.51	1471.14	1.34	11512.93	54.73	-0.2	
57	12719.85	88.30	11.60	11459.09	1399.60	545.33	1501.71	4.85	11513.05	53.96	-0.2	
58	12748.50	88.10	11.90	11459.99	1427.64	551.17	1530.05	1.26	11513.16	53.18	-0.2	
59	12780.14	87.70	12.70	11461.15	1458.53	557.90	1561.39	2.83	11513.29	52.14	-0.2	
60	12811.86	87.70	13.40	11462.42	1489.41	565.06	1592.85	2.21	11513.42	51.00	-0.2	
61	12842.95	88.10	14.30	11463.56	1519.57	572.50	1623.74	3.17	11511.50	47.94	3.55	
62	12873.26	87.70	16.40	11464.67	1548.78	580.51	1653.93	7.05	11509.63	44.96	3.55	
63	12904.42	87.70	17.70	11465.92	1578.55	589.64	1685.02	4.17	11507.70	41.78	3.55	
64	12935.72	87.90	18.70	11467.12	1608.26	599.41	1716.28	3.26	11505.76	38.64	3.55	
65	12967.38	88.10	19.20	11468.23	1638.18	609.69	1747.91	1.70	11503.80	35.57	3.55	
66	12999.00	88.30	18.80	11469.22	1668.07	619.98	1779.51	1.41	11501.83	32.62	3.55	
67	13030.62	88.20	18.60	11470.18	1698.00	630.11	1811.11	0.71	11499.87	29.69	3.55	
68	13062.25	86.90	19.20	11471.54	1727.90	640.34	1842.71	4.53	11497.91	26.38	3.55	
69	13092.95	86.20	17.80	11473.38	1756.96	650.07	1873.34	5.09	11496.01	22.63	3.55	
70	13124.79	86.20	18.50	11475.49	1787.15	659.96	1905.09	2.19	11495.74	20.25	0.49	
71	13156.07	86.00	19.30	11477.62	1816.67	670.07	1936.29	2.63	11495.48	17.85	0.49	

No.	MD	INC	TRUE					SECT	DLS/ 100	Est.top	TVD Diff.	Est. Dip
			AZM	TVD	N-S	E-W	Target					
72	13186.42	86.10	18.40	11479.71	1845.33	679.85	1966.56	2.98	11495.22	15.50	0.49	
73	13217.73	86.20	18.50	11481.82	1874.96	689.74	1997.79	0.45	11494.95	13.13	0.49	
74	13249.73	86.20	18.60	11483.94	1905.23	699.90	2029.71	0.31	11494.68	10.74	0.49	
75	13279.14	86.30	18.50	11485.86	1933.05	709.24	2059.05	0.48	11494.43	8.57	0.49	
76	13310.60	86.70	19.50	11487.78	1962.74	719.46	2090.45	3.42	11494.16	6.38	0.49	
77	13342.15	86.20	18.30	11489.73	1992.54	729.66	2121.93	4.11	11493.89	4.15	0.49	
78	13373.81	85.10	18.10	11492.13	2022.52	739.52	2153.48	3.53	11504.75	12.62	-2	
79	13403.84	84.70	17.90	11494.80	2050.97	748.76	2183.37	1.49	11505.78	10.97	-2	
80	13435.52	84.00	17.30	11497.92	2081.02	758.29	2214.87	2.90	11506.86	8.94	-2	
81	13464.44	83.90	17.20	11500.97	2108.49	766.82	2243.60	0.49	11507.85	6.88	-2	
82	13496.01	83.40	17.30	11504.46	2138.45	776.13	2274.94	1.61	11508.93	4.46	-2	
83	13526.75	83.60	18.10	11507.94	2167.55	785.41	2305.46	2.67	11509.98	2.03	-2	
84	13556.09	83.90	17.90	11511.14	2195.29	794.43	2334.60	1.23	11510.98	-0.16	-2	
85	13587.40	83.10	19.90	11514.68	2224.72	804.50	2365.70	6.84	11511.09	-3.59	-0.2	
86	13618.70	83.10	20.00	11518.44	2253.92	815.10	2396.78	0.32	11511.21	-7.23	-0.2	
87	13649.79	83.00	18.90	11522.20	2283.02	825.38	2427.64	3.53	11511.32	-10.88	-0.2	
88	13681.14	83.10	17.50	11526.00	2312.59	835.10	2458.74	4.44	11511.43	-14.56	-0.2	
89	13712.82	83.20	19.40	11529.78	2342.42	845.05	2490.18	5.96	11511.55	-18.23	-0.2	
90	13744.82	83.60	20.60	11533.45	2372.29	855.92	2521.97	3.93	11512.38	-21.07	-1.5	
91	13776.26	83.80	19.40	11536.91	2401.66	866.61	2553.22	3.85	11513.21	-23.69	-1.5	
92	13807.91	83.70	18.20	11540.35	2431.44	876.75	2584.67	3.78	11514.05	-26.30	-1.5	
93	13848.78	84.90	17.90	11544.41	2470.11	889.35	2625.32	3.03	11515.12	-29.28	-1.5	
94	13880.34	85.60	18.30	11547.02	2500.00	899.12	2656.75	2.55	11515.96	-31.06	-1.5	
95	13911.98	86.20	18.20	11549.29	2529.97	909.01	2688.30	1.92	11515.96	-33.33	0	
96	13942.96	86.90	18.00	11551.15	2559.37	918.61	2719.20	2.35	11515.96	-35.19	0	
97	13972.18	87.60	18.60	11552.55	2587.08	927.78	2748.38	3.15	11515.96	-36.59	0	
98	14001.50	87.70	18.00	11553.75	2614.89	936.98	2777.66	2.07	11515.96	-37.79	0	
99	14032.80	88.00	18.90	11554.93	2644.56	946.87	2808.92	3.03	11515.96	-38.97	0	
100	14064.47	88.20	17.90	11555.98	2674.59	956.87	2840.56	3.22	11515.96	-40.02	0	
101	14095.07	87.80	18.40	11557.05	2703.65	966.39	2871.13	2.09	11515.96	-41.09	0	
102	14126.71	87.70	18.00	11558.29	2733.69	976.27	2902.73	1.30	11638.29	80.00	-6.7	
103	14155.96	87.80	19.30	11559.44	2761.38	985.61	2931.95	4.45	11641.72	82.29	-6.7	
104	14187.94	88.20	19.40	11560.55	2791.53	996.20	2963.91	1.29	11645.48	84.92	-6.7	
105	14219.69	88.20	19.60	11561.55	2821.45	1006.80	2995.64	0.63	11649.20	87.65	-6.7	
106	14251.12	88.20	19.30	11562.54	2851.07	1017.26	3027.05	0.95	11652.89	90.36	-6.7	
107	14282.37	88.50	18.90	11563.44	2880.59	1027.48	3058.28	1.60	11656.56	93.13	-6.7	
108	14314.01	88.20	19.30	11564.35	2910.47	1037.83	3089.91	1.58	11660.28	95.93	-6.7	
109	14345.34	88.60	18.60	11565.22	2940.09	1048.00	3121.22	2.57	11663.96	98.73	-6.7	
110	14376.85	89.00	19.50	11565.88	2969.87	1058.28	3152.72	3.13	11667.66	101.77	-6.7	
111	14407.17	89.10	19.10	11566.39	2998.48	1068.30	3183.03	1.36	11671.22	104.83	-6.7	
112	14438.73	89.10	20.70	11566.88	3028.15	1079.04	3214.59	5.07	11674.92	108.04	-6.7	
113	14467.47	90.10	19.10	11567.08	3055.18	1088.82	3243.32	6.56	11679.99	112.91	-10	

No.	MD	INC	TRUE		N-S	E-W	SECT	DLS/ 100	Est.top		Est. Dip
			AZM	TVD					Target	TVD Diff.	
114	14499.12	91.20	18.90	11566.72	3085.10	1099.12	3274.97	3.53	11685.57	118.85	-10
115	14530.66	91.70	18.70	11565.92	3114.95	1109.29	3306.49	1.71	11691.13	125.21	-10
116	14561.66	92.20	18.90	11564.87	3144.28	1119.27	3337.47	1.74	11696.59	131.72	-10
117	14592.61	92.00	20.90	11563.74	3173.36	1129.80	3368.39	6.49	11702.05	138.31	-10
118	14623.89	92.50	19.50	11562.51	3202.69	1140.59	3399.65	4.75	11707.56	145.05	-10
119	14654.20	91.40	20.50	11561.48	3231.15	1150.95	3429.94	4.90	11711.81	150.34	-8
120	14684.08	91.80	19.80	11560.64	3259.19	1161.24	3459.81	2.70	11716.01	155.37	-8
121	14715.41	92.30	18.90	11559.52	3288.73	1171.61	3491.12	3.28	11720.41	160.89	-8
122	14744.92	92.50	20.20	11558.29	3316.52	1181.48	3520.60	4.45	11724.55	166.27	-8
123	14776.79	93.40	20.20	11556.65	3346.39	1192.47	3552.42	2.82	11729.03	172.38	-8
124	14811.76	93.40	20.20	11554.57	3379.15	1204.52	3587.33	0.00	11733.93	179.36	-8

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MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
1990.00	2.50	334.00	1989.00	35.00 N	18.00 W	26.73	0.00
2100.00	1.87	330.90	2098.92	38.72 N	19.92 W	29.57	0.58
2200.00	1.95	324.90	2198.86	41.54 N	21.70 W	31.62	0.22
2300.00	1.95	334.50	2298.81	44.47 N	23.41 W	33.78	0.33
2400.00	2.17	342.60	2398.74	47.81 N	24.71 W	36.48	0.36
2500.00	2.16	333.80	2498.67	51.31 N	26.10 W	39.29	0.33
2600.00	2.34	329.30	2598.59	54.76 N	27.98 W	41.88	0.25
2700.00	2.88	319.80	2698.49	58.43 N	30.64 W	44.43	0.69
2800.00	3.25	321.20	2798.35	62.56 N	34.04 W	47.14	0.38
2900.00	2.60	307.30	2898.22	66.14 N	37.62 W	49.29	0.96
3000.00	2.44	286.40	2998.12	68.12 N	41.47 W	49.83	0.93
3100.00	3.09	259.20	3098.01	68.21 N	46.16 W	48.31	1.45
3200.00	2.01	218.20	3197.92	66.33 N	49.89 W	45.27	2.05
3300.00	2.06	192.40	3297.86	63.20 N	51.36 W	41.82	0.91
3400.00	3.11	153.70	3397.76	59.01 N	50.54 W	38.16	1.98
3500.00	3.18	155.10	3497.61	54.06 N	48.17 W	34.32	0.10
3600.00	3.21	150.70	3597.45	49.10 N	45.64 W	30.53	0.25
3700.00	3.15	150.30	3697.30	44.28 N	42.90 W	26.93	0.06
3800.00	3.40	146.10	3797.14	39.43 N	39.89 W	23.41	0.35
3900.00	3.82	142.10	3896.94	34.34 N	36.19 W	19.89	0.49
4000.00	3.66	148.00	3996.73	29.00 N	32.45 W	16.15	0.49
4100.00	3.36	154.30	4096.54	23.65 N	29.49 W	12.14	0.49
4200.00	3.39	155.60	4196.37	18.32 N	27.00 W	7.98	0.00
4300.00	3.57	154.20	4296.18	12.83 N	24.42 W	3.70	0.20
4400.00	3.65	157.20	4395.98	7.09 N	21.83 W	-0.81	0.20
4500.00	3.61	156.50	4495.78	1.27 N	19.34 W	-5.42	0.00
4600.00	3.60	154.80	4595.58	4.46 S	16.75 W	-9.92	0.10
4700.00	3.70	147.90	4695.38	10.03 S	13.70 W	-14.12	0.40
4800.00	3.90	127.50	4795.17	14.84 S	9.29 W	-17.12	1.30
4900.00	3.52	100.40	4894.96	17.46 S	3.57 W	-17.63	1.70
5000.00	3.59	97.90	4994.77	18.45 S	2.55 E	-16.46	0.00
5100.00	2.45	95.20	5094.63	19.07 S	7.78 E	-15.26	1.00
5200.00	2.47	90.00	5194.54	19.27 S	12.07 E	-13.98	0.00
5300.00	2.45	89.90	5294.45	19.26 S	16.36 E	-12.51	0.00
5400.00	2.49	90.00	5394.35	19.26 S	20.67 E	-11.03	0.00
5500.00	2.56	90.80	5494.26	19.29 S	25.07 E	-9.55	0.00
5600.00	2.49	92.90	5594.16	19.43 S	29.47 E	-8.18	0.00
5700.00	2.60	93.30	5694.06	19.67 S	33.91 E	-6.89	0.00
5800.00	2.72	96.80	5793.95	20.08 S	38.53 E	-5.69	0.00
5900.00	2.91	97.90	5893.83	20.71 S	43.40 E	-4.62	0.00

SPERRY-SUN DRILLING SERVICES

UNION PACIFIC RESOURCES COMP
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M. BURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
6000.00	2.95	98.30	5993.70	21.43 S	48.46 E	-3.57	0.04
6100.00	3.15	97.40	6093.56	22.16 S	53.73 E	-2.44	0.21
6200.00	3.49	99.90	6193.39	23.03 S	59.45 E	-1.31	0.37
6300.00	3.90	100.90	6293.18	24.20 S	65.79 E	-0.24	0.42
6400.00	4.30	101.70	6392.93	25.60 S	72.80 E	0.84	0.40
6500.00	4.76	104.50	6492.62	27.40 S	80.49 E	1.78	0.51
6600.00	5.30	104.40	6592.23	29.59 S	88.98 E	2.63	0.54
6700.00	5.70	101.50	6691.77	31.73 S	98.32 E	3.81	0.49
6800.00	5.28	85.50	6791.32	32.36 S	107.77 E	6.45	1.58
6900.00	4.21	72.70	6890.98	30.91 S	115.87 E	10.59	1.50
7000.00	4.52	75.60	6990.69	28.83 S	123.19 E	15.04	0.38
7100.00	4.65	74.60	7090.37	26.78 S	130.91 E	19.61	0.15
7200.00	5.50	79.60	7189.97	24.84 S	139.53 E	24.38	0.96
7300.00	5.89	79.90	7289.48	23.07 S	149.30 E	29.38	0.39
7400.00	6.34	79.00	7388.91	21.12 S	159.77 E	34.80	0.46
7500.00	6.26	69.40	7488.31	18.15 S	170.29 E	41.19	1.06
7600.00	5.75	60.00	7587.76	13.72 S	179.74 E	48.58	1.11
7700.00	5.56	55.30	7687.28	8.46 S	188.06 E	56.37	0.50
7800.00	6.07	55.20	7786.76	2.69 S	196.38 E	64.64	0.51
7900.00	5.67	56.70	7886.24	3.04 N	204.85 E	72.92	0.43
8000.00	4.10	63.00	7985.87	7.38 N	212.17 E	79.50	1.66
8100.00	4.27	63.10	8085.60	10.69 N	218.67 E	84.83	0.17
8200.00	3.12	63.60	8185.39	13.58 N	224.43 E	89.52	1.15
8300.00	2.16	81.20	8285.29	15.08 N	228.73 E	92.40	1.25
8400.00	2.14	88.00	8385.22	15.43 N	232.46 E	94.01	0.26
8500.00	2.25	93.60	8485.15	15.37 N	236.28 E	95.26	0.24
8600.00	2.53	94.50	8585.06	15.08 N	240.44 E	96.40	0.28
8700.00	2.41	100.70	8684.97	14.51 N	244.71 E	97.34	0.29
8800.00	2.51	94.60	8784.87	13.95 N	248.96 E	98.26	0.28
8900.00	2.79	90.00	8884.77	13.77 N	253.57 E	99.67	0.35
9000.00	3.23	92.50	8984.63	13.65 N	258.82 E	101.35	0.46
9100.00	4.30	92.40	9084.41	13.37 N	265.38 E	103.33	1.07
9200.00	4.82	97.10	9184.10	12.69 N	273.30 E	105.40	0.64
9300.00	2.70	128.80	9283.88	10.70 N	279.30 E	105.58	2.89
9400.00	2.62	127.70	9383.78	7.83 N	282.95 E	104.13	0.09
9500.00	2.60	123.20	9483.67	5.19 N	286.65 E	102.91	0.21
9600.00	2.67	119.20	9583.57	2.81 N	290.58 E	102.02	0.20
9700.00	3.12	120.50	9683.44	0.29 N	294.96 E	101.15	0.45
9800.00	1.95	98.70	9783.34	1.35 S	298.99 E	100.99	1.50
9900.00	2.09	84.40	9883.28	1.43 S	302.49 E	102.11	0.52

SPERRY-SUN DRILLING SERVICES

UNION PACIFIC RESOURCES COMP
JUDD 34-1H

DEC. 14, 1993
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M. CURVED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
10000.00	2.00	84.10	9983.22	1.07 S	306.04 E	103.66	0.09
10100.00	1.98	82.20	10083.16	0.66 S	309.48 E	105.23	0.07
10200.00	1.83	113.00	10183.10	1.05 S	312.66 E	105.95	1.02
10300.00	4.03	138.20	10282.97	4.29 S	316.48 E	104.21	2.50
10400.00	5.21	136.20	10382.64	10.19 S	321.96 E	100.55	1.19
10500.00	5.64	129.70	10482.20	16.60 S	328.89 E	96.88	0.75
10600.00	5.93	134.20	10581.69	23.34 S	336.37 E	93.11	0.54
10700.00	6.23	128.30	10681.13	30.31 S	344.33 E	89.29	0.69
10800.00	7.30	119.40	10780.43	36.79 S	354.13 E	86.55	1.50
10900.00	8.04	115.70	10879.54	42.94 S	365.96 E	84.82	0.89
10960.00	7.70	117.70	10938.97	46.63 S	373.30 E	83.86	0.73

THE DOGLEG SEVERITY IS IN DEGREES PER 100.00 FEET
THE VERTICAL SECTION WAS COMPUTED ALONG 20.00x (TRUE)

BASED UPON MINIMUM CURVATURE TYPE CALCULATIONS. THE BOTTOM HOLE
DISPLACEMENT IS 376.20 FEET, IN THE DIRECTION OF 97.12x (TRUE)

Client.....: UNION PACIFIC RESOURCES COMPAN
 Field.....: ELKHORN RIDGE
 Well.....: JUDD 34-H
 Section at: N,20.00,E
 Engineer...: DENNIS CARTER
 Units.....: FEET

Computation...: MINIMUM CURVATURE
 Survey Date...: 10/31/93
 KB Elevation...: 7613.00 ft
 Reference.....: 34348
 Magnetic Decl.: 14.500 E

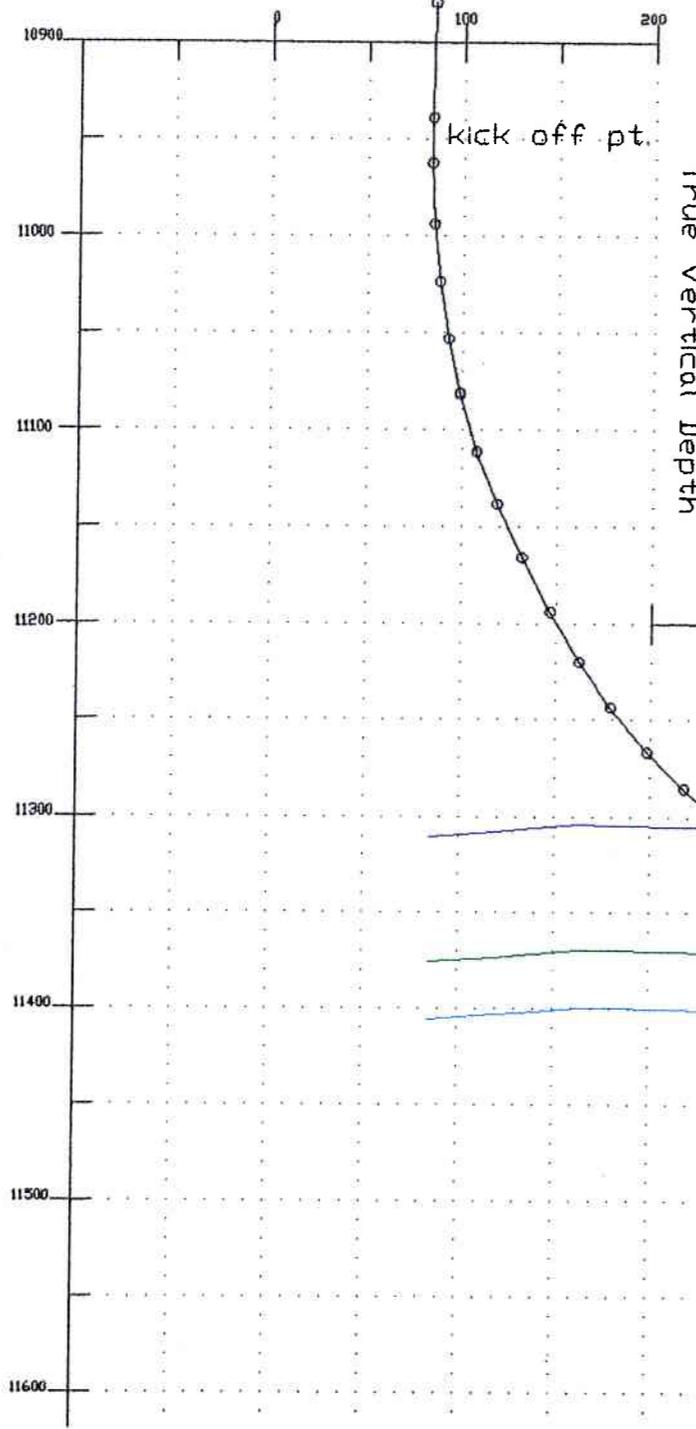
RECORD OF SURVEY

(Calculated from a tie-in station at 100 MD)

S	MEAS	INCLN	DIRECTION	VERT-DEPTHS	SECT	REL-COORDINATES	CLOSURE	DL/
C	DEPTH	ANGLE	BEARING	BKB SUB-S	DIST	FROM-WELLHEAD	DIST BEARING	100
8	100	0.00	N 0.00 E	100 -7513	0	0 N 0 E	0 N 0.00 E	<TIE
2	118	0.25	N 46.00 W	118 -7495	0	0 N 0 W	0 N 46.00 W	1.4
2	205	0.00	N 0.00 E	205 -7408	0	0 N 0 W	0 N 46.00 W	0.3
2	293	0.25	N 30.00 W	293 -7320	0	0 N 0 W	0 N 36.71 W	0.3
2	383	0.75	N 62.00 W	383 -7230	0	1 N 1 W	1 N 48.71 W	0.6
2	471	1.00	N 28.00 W	471 -7142	1	2 N 2 W	2 N 45.46 W	0.6
2	555	0.75	N 52.00 W	555 -7058	2	3 N 3 W	4 N 43.02 W	0.5
2	648	0.00	N 0.00 E	648 -6965	2	3 N 3 W	4 N 44.29 W	0.8
2	741	1.00	N 42.00 W	741 -6872	2	4 N 4 W	5 N 43.92 W	1.1
2	835	1.00	N 38.00 W	835 -6778	3	5 N 5 W	7 N 42.97 W	0.1
2	928	1.00	N 41.00 W	928 -6685	4	6 N 6 W	8 N 42.30 W	0.1
2	1021	1.00	N 42.00 W	1021 -6592	5	7 N 7 W	10 N 42.17 W	0.0
2	1115	0.50	N 12.00 W	1115 -6498	5	8 N 7 W	11 N 41.10 W	0.7
2	1208	0.50	N 2.00 W	1208 -6405	6	9 N 7 W	12 N 38.91 W	0.1
2	1301	1.50	N 26.00 W	1301 -6312	7	11 N 8 W	13 N 36.70 W	1.1
2	1395	2.25	N 24.00 W	1395 -6218	10	14 N 9 W	16 N 34.48 W	0.6
2	1488	2.00	N 20.00 W	1488 -6125	12	17 N 11 W	20 N 32.34 W	0.3
2	1581	2.00	N 14.00 W	1581 -6032	15	20 N 12 W	23 N 30.20 W	0.2
2	1675	2.25	N 41.00 W	1675 -5938	17	23 N 13 W	26 N 29.95 W	1.1
2	1768	2.00	N 10.00 W	1768 -5845	19	26 N 15 W	30 N 29.56 W	1.2
2	1861	2.50	N 18.00 W	1861 -5752	22	29 N 16 W	33 N 27.92 W	0.6
2	1955	2.50	N 22.00 W	1954 -5659	25	33 N 17 W	37 N 27.05 W	0.2
2	1990	2.50	N 26.00 W	1989 -5624	26	35 N 18 W	39 N 26.93 W	0.5

*Station Types: 2/MULTI SHOT 8/TIE-IN

Vertical Section (feet)



Union Pacific Resources Co.

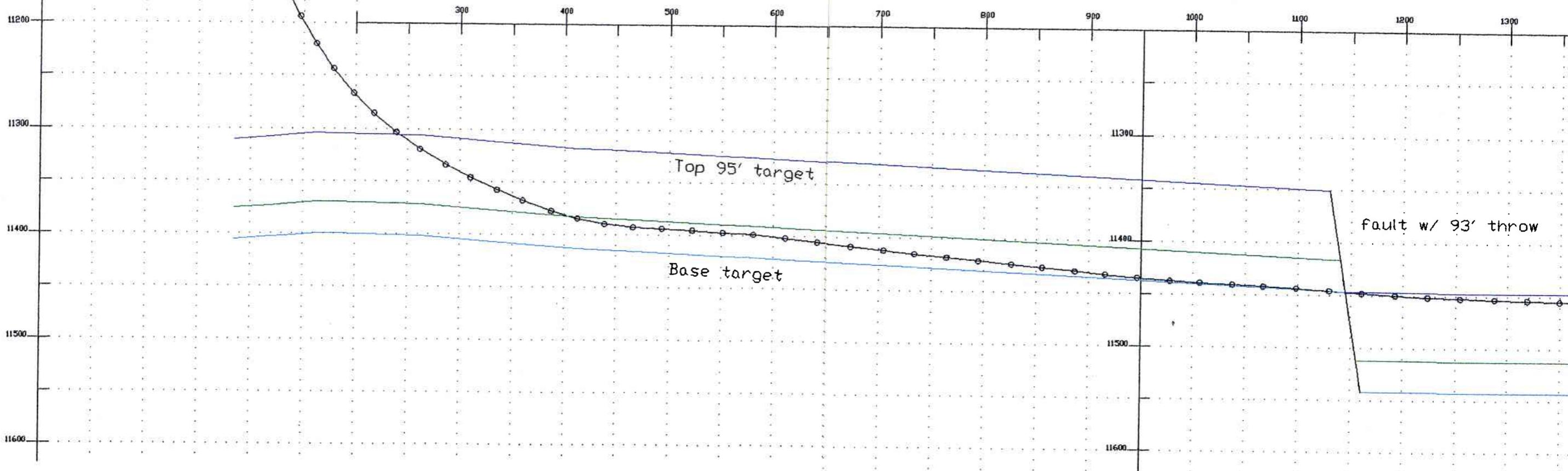


Judd #34-1H

Plotted to
at depth
TVD 11,554
Vertical S
3,587.33'

1/04

Vertical Section (feet)



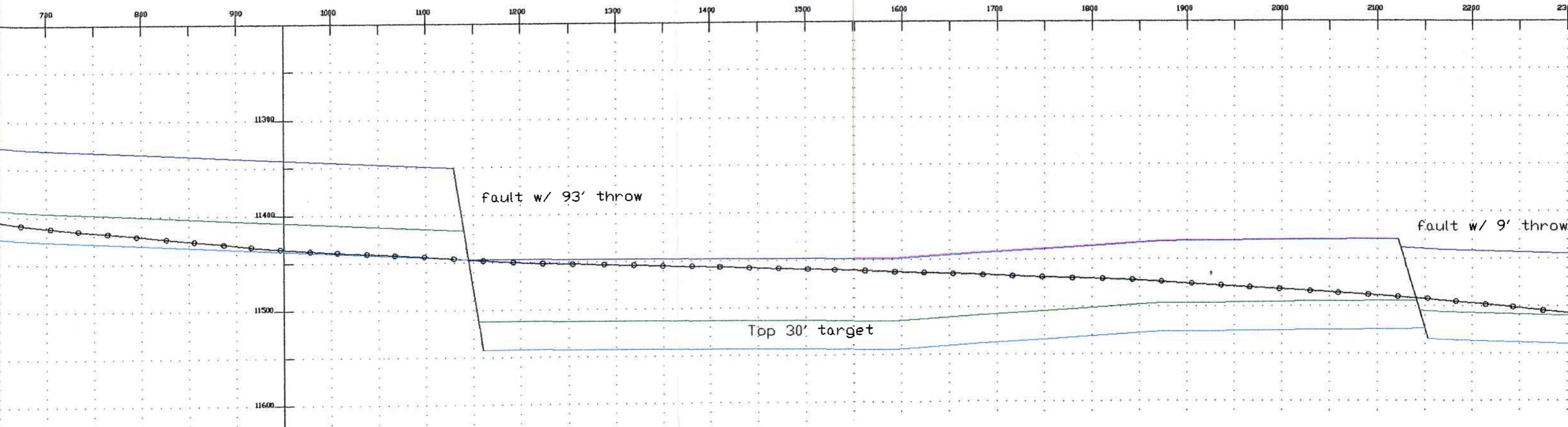


Plotted to projection
at depth 14,811'
TVD 11,554.56'
Vertical Section
3,587.33'

Sunburst Cons
Wayne Freiso
Geologist

1/04/94

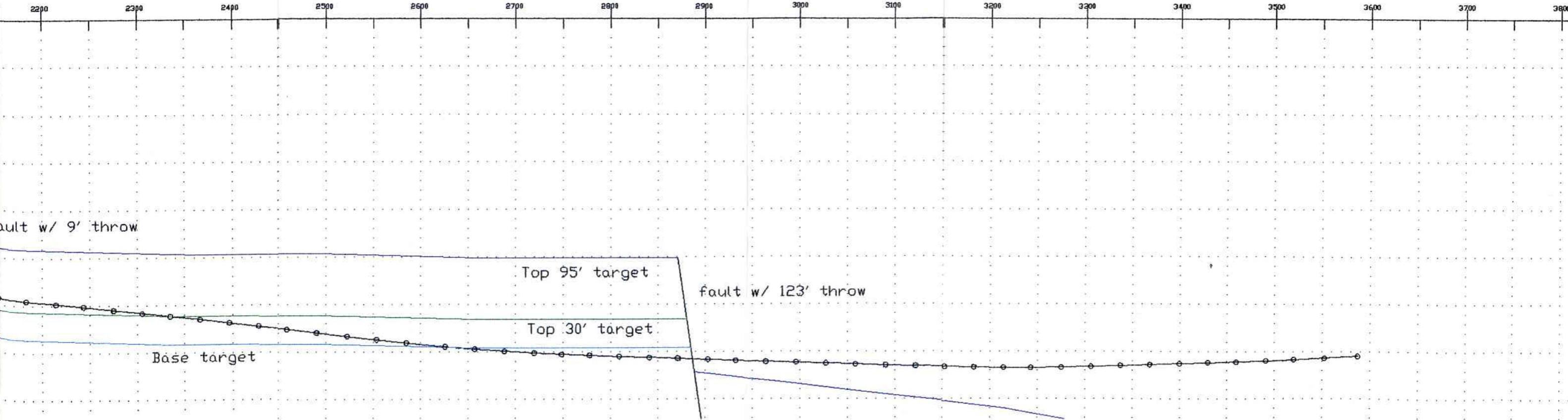
Vertical Sect



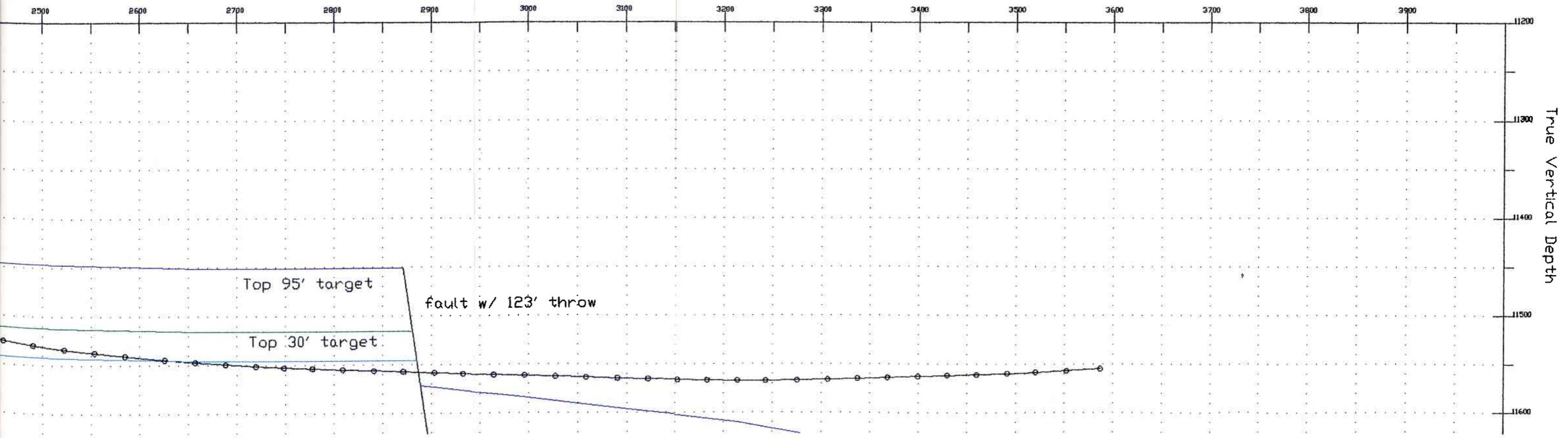
Sunburst Consulting
Wayne Freisatz
Geologist

— Top 95' target
— Top 30' target
— Base target

Vertical Section (feet)



— Top 95' target
— Top 30' target
— Base target



Top 95' target

Top 30' target

fault w/ 123' throw

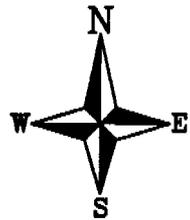
True Vertical Depth

UNION PACIFIC
RESOURCES COMPANY

JUDD
#34-1H

BHA target
660'FNL, 1,980'FWL

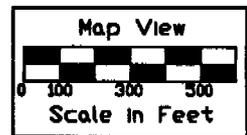
Surface Location:
T 2 N, R 6 E,
Sec. 34, SW SW
711'FSL, 552'FWL
Summit Co., Utah



34

1/05/94

Plotted to survey
depth 14,811.79'
TVD 11,554.56'

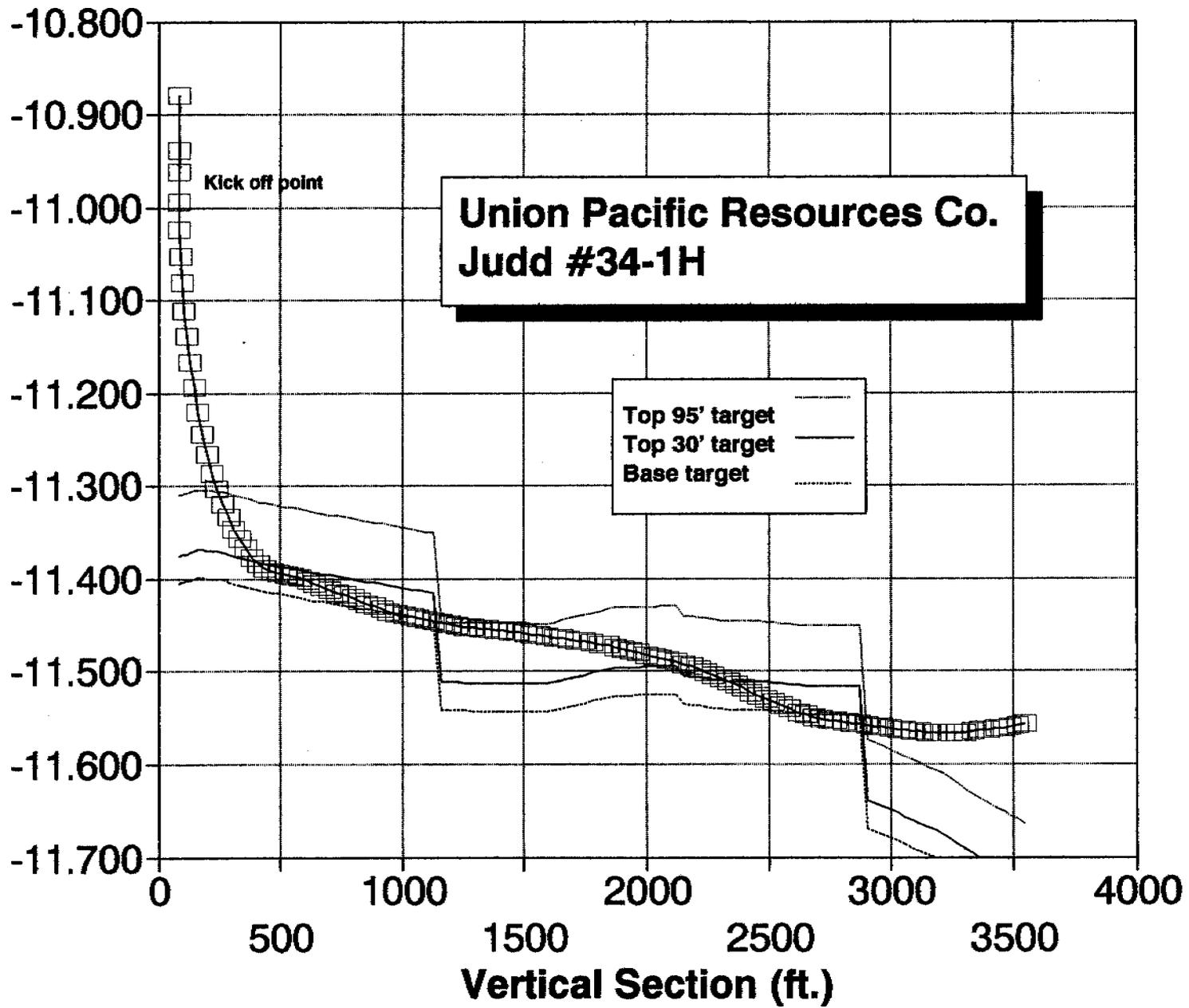


Judd #34-1H
Kick-off point
Top Watton Canyon
Top target

Sunburst
Consulting
Wayne Freisatz
Geologist

True Vertical Depth (ft.)

(Thousands)



BIT RECORD

CONTRACTOR: SST Rig #56

#1 & #2 PUMP, MAKE & MODEL: National 9-P100 9.25" stroke

RIG MAKE & MODEL: National 80UE

SPUD DATE: October 23, 1993

T.D. DATE: January 4, 1994

BIT #	SIZE	MAKE/TYPER	JETS	SERIAL #	DEPTH			ACCUM.			RPM	VERT.		WT.	VIS	WL	DULL COND.		
					OUT	FEET	HOURS	HOURS	WOB	DEV.		GPM	T				B	G	
1	14.75"	Sec S82	10	491365	893'	816'	65.0	65.0	40	120	1.0°	646	9.1	46	9.6	3	E	2	
2	14.75"	RTC Y11	18 18 18	B54682	1482'	589'	35.25	100.25	40	110	2.0°	517	9.0	45	14	7	4	3	
3	14.75"	RTC Y11	20 20 18	B54681	1657'	175'	13.0	113.25	20	110	2.25°	542	9.0	48	14.6	7	5	3	
4	14.75"	Var V527	20 20 18	42036	2000'	343'	38.0	151.25	30	70	2.5°	542	9.0	39	13.4	3	E	2	
5	9.875"	HTC J1	16 16 18	N46PC	2104'	104'	6.0	157.25	30	100	1.87°	452	8.8	34	26	4	5	I	
6	9.875"	Sec S33F	16 16 16	541955	2859'	755'	36.5	193.75	35	110	3.25°	452	9.0	36	16.4	5	E	2	
7	9.875"	Hyc DS56H	25 X 4	35923	3149'	290'	14.75	208.5	16	140MM	3.09°	484	9.0	39	15.5	2	-	1	
8	9.875"	RTC HP51A	24 24 24	T12463	4157'	1008'	51.25	259.75	35	160MM	3.36°	517	8.9	40	18	4	E	2	
9	9.875"	RTC HP51A	24 24 24	T12464	4973'	816'	45.5	305.25	40	160MM	3.59°	516	8.9	41	18	6	F	8	
10	9.875"	HTC ATJ11	20 20 20	F27WK	5300'	327'	16.25	321.5	38	80MM	2.45°	516	9.0	42	16	3	F	2	
11	9.875"	RTC HP51A	20 20 20	L41359	5978'	678'	38.0	359.5	38	70MM	2.95°	516	8.8	43	12.4	3	F	2	
12	9.875"	RTC HP51A	15 15	M41919	6559'	581'	36.0	395.5	40	140MM	5.3°	516	9.1	40	9.8	3	E	2	
13	9.875"	STC F3	20 20	KW9840	6694'	135'	21.25	416.75	60	210MM	5.7°	581	9.1	47	13	3	E	1	
14	9.875"	Sec S84F	15 15 15	628287	7446'	752'	59.5	476.25	50	170MM	6.34°	465	9.1	40	14.2	7	E	2	
15	9.875"	RTC HP51A	15 15 15	M41900	7898'	452'	46.0	522.25	40	170MM	5.67°	452	9.0	48	11.2	5	E	2	
16	9.875"	Sec S86F	18 18 18	629455	8521'	623'	72.5	594.75	50	170MM	2.25°	452	9.0	47	12.4	5	F	2	

<u>BIT #</u>	<u>SIZE</u>	<u>MAKE/TYPE</u>	<u>JETS</u>	<u>SERIAL #</u>	<u>OUT</u>	<u>FEET</u>	<u>HOURS</u>	<u>HOURS</u>	<u>WOB</u>	<u>RPM</u>	<u>DEV.</u>	<u>GPM</u>	<u>WT.</u>	<u>VIS</u>	<u>WL</u>	<u>T</u>	<u>B</u>	<u>G</u>
17	9.875"	RTC HP53A	20 20 20	M41220	9053'	532'	51.0	645.75	50	170MM	3.23°	452	9.0	46	11.2	6	E	2
18	9.875"	RTC HP53A	20 20 18	Y70878	9700'	651'	61.25	707.0	45	170MM	3.12°	452	9.1	44	12.4	8	E	2
19	9.875"	RTC HP53A	22 22 22	M41550	10176'	476'	54.75	761.75	45	170MM	1.83°	452	9.1	40	12	8	E	2
20	9.875"	RTC HP53A	18 18 18	M41552	10742'	566'	71.5	833.25	50	70MM	6.23°	420	10.2	38	11.2	3	E	2
21	9.875"	RTC HP53A	18 18 18	M41551	10965'	223'	29.5	862.75	50	60MM	7.7°	420	10.2	40	11.2	2	E	2
22	6.5"	RTC HP12	18 18 18	JE2147	10972'	7'	10.75	873.5	20	60	7.7°	226	9.7	30	nc	3	E	1
23	6.5"	RTC EHP53A	18 18 20	TH6673	11575'	603'	75.5	949.0	15/30	258MM	74°	290	8.5	28	nc	3	E	1
24	6.5"	RTC EHP53A	18 18 20	TH6680	11759'	184'	19.0	968.0	25	300MM	87°	390	8.6	28	nc	1	E	I
25	6.5"	RTC EHP53A	18 18 20	TH6672	12508'	749'	62.75	1030.75	35	295MM	89°	258	8.7	27	nc	2	E	I
26	6.5"	RTC EHP53A	18 18 20	TH6668	13839'	1331'	102.0	1132.75	35	290MM	84°	258	8.7	27	nc	4	E	I
27	6.5"	RTC EHP53A	18 18 20	TW4000	14443'	604'	41.0	1173.75	15	260MM	89°	226	8.8	27	nc	1	E	I
27RR	6.5"	RTC EHP53A	18 18 20	TW4000	14443'	ream	17.0	1173.75	25	60	89°	226	8.9	27	nc	3	E	I
28	6.5"	RTC EHP53A	18 20 20	TH6679	14811'	368'	20.0	1193.75	40	260MM	93°	226	8.8	27	nc	2	E	I

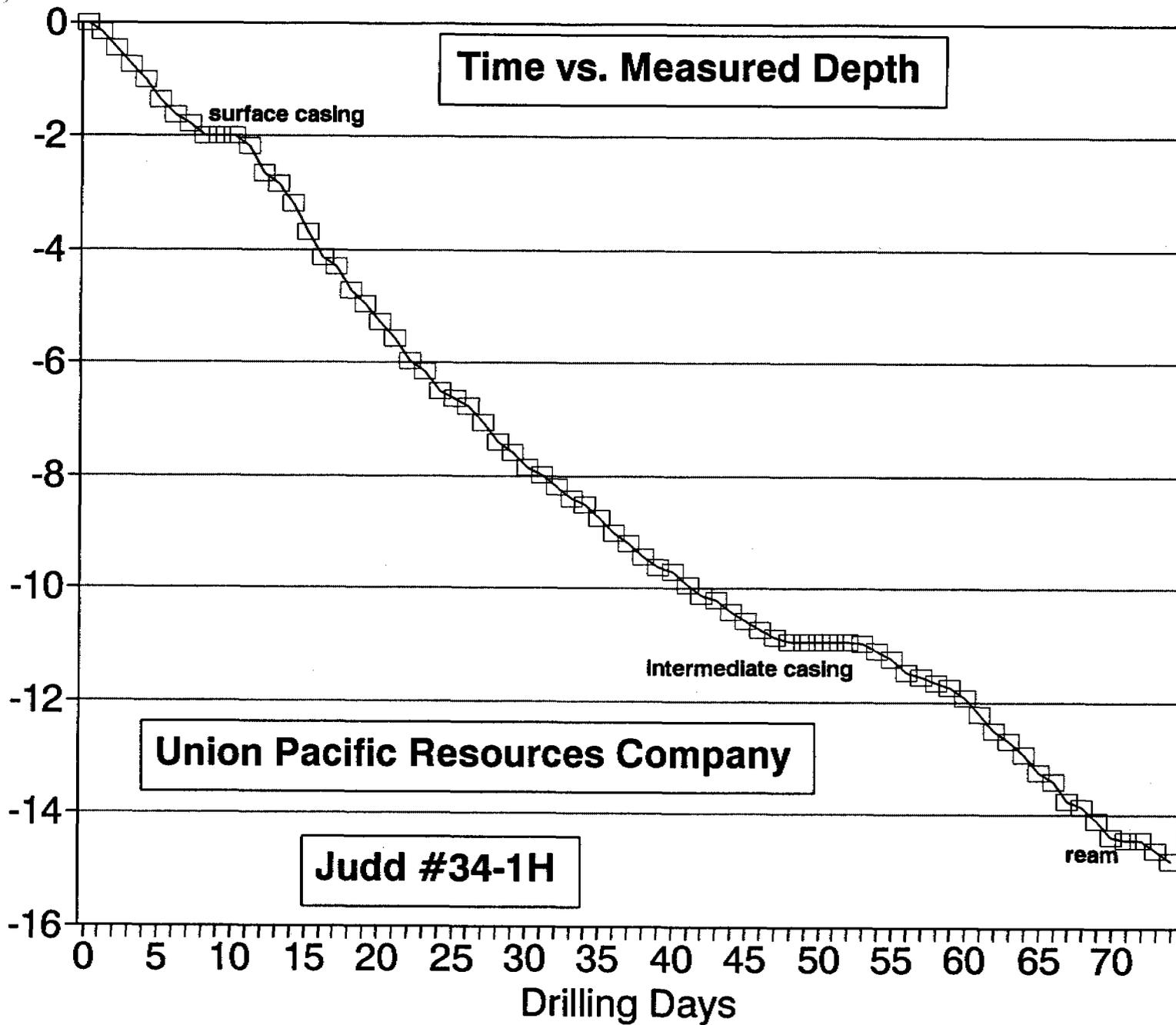
DAILY DRILLING ACTIVITY

<u>DAY</u>	<u>DATE</u>	<u>DEPTH</u>	<u>PROG</u>	<u>BIT</u>	<u>WOB</u>	<u>RPM</u>	<u>PP</u>	<u>WT</u>	<u>VIS</u>	<u>PV/YP</u>	<u>pH</u>	<u>WL</u>	<u>CL</u>	<u>DRILL HOURS</u>	<u>ACTIVITY</u>	<u>FORMATION</u>
0	10/23/93	0'	0'	-	---	---	---	---	---	---	---	---	---	---	Spud 21:00	Surface
1	10/24	162'	162'	1	5/10	60/90	800	8.6	60	19/14	10.0	10.0	300	7.5	Drill	Tertiary
2	10/25	453'	291'	1	10/15	90/120	600	9.1	60	18/15	9.0	9.6	350	21.5	Drill	Tertiary
3	10/26	751'	298'	1	15/30	80/120	600	9.1	46	13/13	8.5	13.4	600	23.0	Drill	Tertiary
4	10/27	1013'	262'	1/2	25/30	100/120	1350	9.1	42	10/13	9.0	13.5	500	18.0	Drill, trip	Tertiary
5	10/28	1354'	341'	2	25/40	90/110	1500	9.0	48	14/14	9.0	14.0	500	19.25	Drill, lost circ.	Tertiary
6	10/29	1631'	277'	2/3	20	90/110	1500	9.0	37	10/7	9.0	16.0	750	18.5	Drill, trip	Tertiary
7	10/30	1776'	145'	3/4	10/25	70/110	1000	9.0	48	17/14	8.0	14.6	700	18.0	Drill, trip	Tertiary
8	10/31	2000'	224'	4	3/30	50/70	1000	9.0	39	12/13	9.5	13.4	750	23.0	Drill, short trip	Tertiary
9	11/01	2000'	0'	-	---	---	---	---	---	---	---	---	---	---	Run surf. casing	Tertiary
10	11/02	2000'	0'	-	---	---	---	---	---	---	---	---	---	---	Wait on cement	Tertiary
11	11/03	2191'	191'	5/6	10/30	60/100	1100	8.8	34	7/5	10.5	26.0	400	9.0	Test BOP, drill, trip	Tertiary
12	11/04	2671'	480'	6	25/30	80/100	1000	9.1	35	7/6	9.5	16.8	350	22.75	Drill	Tertiary
13	11/05	2859'	188'	6/7	20/35	80/110	1200	9.0	36	7/6	9.5	16.4	10K	10.75	Drill, trip	Tertiary
14	11/06	3191'	332'	7/8	5/16	80/140	1400	8.7	39	7/11	10.0	15.5	9200	9.75	Drill, trip	Frontier
15	11/07	3703'	512'	8	20/35	80/160	1600	8.8	40	7/12	9.0	22.0	14.5K	23.5	Drill	Frontier
16	11/08	4143'	440'	8	30/35	80/160	1600	8.9	40	10/12	9.0	14.0	34K	23.25	Drill	Frontier
17	11/09	4295'	152'	8/9	30/35	75/160	1400	8.9	44	12/13	10.5	16.8	32K	8.5	Drill, trip	Frontier
18	11/10	4723'	428'	9	35	80/160	1500	8.8	41	11/11	10.5	17.8	37K	23.0	Drill	Frontier
19	11/11	4973'	250'	9	35/40	80/160	1500	9.0	40	10/11	10.5	18.0	39K	15.0	Drill, trip	Aspen
20	11/12	5298'	325'	10	35/38	60/80	1450	9.1	41	11/11	9.0	18.5	40K	15.25	Wash & ream, drill	Kelvin
21	11/13	5565'	267'	10/11	35/38	60	1500	8.8	44	12/15	9.0	15.0	40K	15.25	Drill, trip	Kelvin
22	11/14	5978'	413'	11	30/38	60/70	1500	8.8	43	14/12	10.0	12.4	38K	22.75	Drill	Kelvin
23	11/15	6170'	192'	12	35/38	60/70	2000	8.6	43	10/11	9.5	13.2	40K	9.75	Trip, drill	Kelvin
24	11/16	6515'	345'	12	30/40	120/140	2100	9.1	40	10/11	9.5	9.8	38K	23.5	Drill	Kelvin
25	11/17	6634'	119'	12/13	10/60	120/190	1900	9.1	38	8/10	9.5	10.8	33K	14.0	Drill, trip	Kelvin
26	11/18	6759'	125'	13/14	35/60	170	2000	9.1	47	10/16	8.5	13.0	28K	15.5	Drill, trip	Kelvin
27	11/19	7052'	293'	14	30/50	110/170	1950	9.0	42	10/13	9.5	12.6	29K	23.25	Drill	Kelvin
28	11/20	7397'	345'	14	30/40	170	2000	9.1	40	10/12	8.5	13.4	22K	23.0	Drill	Kelvin

<u>DAY</u>	<u>DATE</u>	<u>DEPTH</u>	<u>PROG</u>	<u>BIT</u>	<u>WOB</u>	<u>RPM</u>	<u>PP</u>	<u>WT</u>	<u>VIS</u>	<u>PV/YP</u>	<u>pH</u>	<u>WL</u>	<u>CL</u>	<u>DRILL HOURS</u>	<u>ACTIVITY</u>	<u>FORMATION</u>
29	11/21	7584'	187'	14/15	30/40	100/160	1950	9.0	40	9/19	9.0	14.2	22K	16.5	Drill, trip	Kelvin
30	11/22	7858'	274'	15	35/40	100/170	2100	9.0	48	11/20	10.0	11.2	21K	23.5	Drill	Kelvin
31	11/23	7996'	138'	15/16	35/40	100/170	1950	9.0	57	12/45	10.5	11.6	25K	15.5	Drill, trip	Kelvin
32	11/24	8198'	202'	16	40/50	100/160	2000	9.1	51	11/26	9.5	12.0	27K	23.0	Drill	Kelvin
33	11/25	8398'	200'	16	40/50	100/160	1950	9.1	46	11/18	9.5	12.4	31K	23.0	Drill	Kelvin
34	11/26	8521'	123'	16	40/50	160	1850	9.1	47	10/18	9.5	11.6	35K	13.25	Drill, trip	Kelvin
35	11/27	8761'	240'	17	40/50	110/170	1950	9.1	46	10/18	10.0	11.2	33K	23.5	Drill	Stump
36	11/28	9028'	267'	17	25/50	110/170	2000	9.0	38	9/11	9.5	11.4	26K	20.75	Drill, lost circ.	Preuss
37	11/29	9195'	167'	17/18	40/50	110	1600	9.1	40	9/12	9.0	12.0	27K	11.25	Trip, drill	Preuss
38	11/30	9444'	249'	18	40	110/170	1600	9.1	38	9/9	9.5	12.2	28K	22.0	Drill	Preuss
39	12/01	9637'	193'	18	40	110/170	1800	9.0	40	8/13	9.0	11.6	21K	22.5	Drill	Preuss
40	12/02	9713'	76'	18/19	40	110/170	1700	9.1	44	12/20	9.0	12.4	23K	8.75	Drill, trip	Preuss
41	12/03	9954'	241'	19	20/45	110/170	1750	9.1	43	13/18	8.5	11.2	30K	23.75	Drill	Preuss
42	12/04	10141'	187'	19	40	110/170	1800	9.3	42	10/20	9.0	11.8	67K	23.0	Drill, salt up	Preuss
43	12/05	10205'	64'	19/20	40/45	110/170	1800	10.1	38	6/13	7.5	13.6	178K	9.0	Drill, trip	Preuss
44	12/06	10416'	211'	20	40	60/65	1500	10.3	38	12/14	7.0	12.2	184K	24.0	Drill	Preuss salt
45	12/07	10594'	178'	20	40/50	60	1500	10.2	39	12/12	7.0	12.4	185K	24.0	Drill	Twin Creek
46	12/08	10736'	142'	20	50	60	1500	10.2	38	14/15	7.0	11.8	183K	20.0	Drill, trip	Twin Creek
47	12/09	10861'	125'	21	50	60	1500	10.2	39	13/15	7.0	11.6	182K	15.0	Drill, short trip	Twin Creek
48	12/10	10950'	89'	21	50	60	1500	10.2	40	12/14	8.5	11.2	184K	12.0	Drill, circ, log	Leeds Creek
49	12/11	10965'	15'	21	50	60	1500	10.3	41	12/16	9.5	11.8	185K	2.5	Log, drill, casing	Leeds Creek
50	12/12	10965'	0'	--	--	--	---	10.3	41	12/16	9.5	11.8	185K	0.0	Casing, cement	Leeds Creek
51	12/13	10965'	0'	--	--	--	---	10.3	41	12/16	9.5	11.8	185K	0.0	Nipple up	Leeds Creek
52	12/14	10965'	0'	22	2/20	20/60	1100	9.7	30	--	8.0	nc	98K	0.0	Change drill pipe	Leeds Creek
53	12/15	10972'	7'	22/23	15/20	40/60	1100	9.0	28	--	9.0	nc	64K	1.0	Drill cement, trip	Leeds Creek
54	12/16	11112'	140'	23	5/15	225	1450	8.9	28	--	8.5	nc	52K	13.25	Trip, drill, trip	Leeds Creek
55	12/17	11252'	140'	23	10/20	225/260	1450	8.7	28	--	8.5	nc	45K	13.5	Trip, drill	Leeds Creek
56	12/18	11477'	225'	23	10/20	260/290	1650	8.7	28	--	7.0	nc	36K	20.5	Drill	Watton Canyon
57	12/19	11575'	98'	23	5/30	260/290	1600	8.6	28	--	7.0	nc	32K	13.5	Drill, trip	Target
58	12/20	11670'	95'	24	10/25	225/300	1100	8.5	28	--	7.0	nc	29K	7.5	Trip, drill	Target
59	12/21	11759'	89'	24	10/25	225	1150	8.6	28	--	7.0	nc	41K	6.0	Drill, trip	Target
60	12/22	11930'	171'	25	10/30	260/295	1400	8.6	28	--	7.0	nc	49K	12.25	Trip, drill	Target
61	12/23	12224'	294'	25	15/35	260/295	1450	8.6	28	--	7.0	nc	52K	17.75	Drill, short trip	Target
62	12/24	12508'	284'	25	15/35	260/295	1450	8.7	27	--	7.0	nc	49.5K	16.25	Drill, trip for MWD	Watton Canyon

<u>DAY</u>	<u>DATE</u>	<u>DEPTH</u>	<u>PROG</u>	<u>BIT</u>	<u>WOB</u>	<u>RPM</u>	<u>PP</u>	<u>WT</u>	<u>VIS</u>	<u>PV/YP</u>	<u>pH</u>	<u>WL</u>	<u>CL</u>	<u>DRILL HOURS</u>	<u>ACTIVITY</u>	<u>FORMATION</u>
63	12/25	12690'	182'	26	15/35	225/290	1350	8.7	27	--	7.0	nc	45K	11.5	Trip, log GR, drill	Watton Canyon
64	12/26	12948'	258'	26	15/35	225/260	1350	8.7	27	--	7.0	nc	38K	21.0	Drill	Watton Canyon
65	12/27	13249'	301'	26	15/35	225/260	1350	8.7	27	--	7.0	nc	32K	19.75	Drill	Watton Canyon
66	12/28	13428'	179'	26	15/35	225/260	1350	8.7	27	--	7.0	nc	49K	14.5	Drill, short trip	Watton Canyon
67	12/29	13753'	325'	26	15/30	225/260	1350	8.7	27	--	7.0	nc	39K	18.5	Drill	Target
68	12/30	13859'	106'	26/27	10/50	225/260	1500	8.7	27	--	7.0	nc	38K	7.0	Drill, trip	Target
69	12/31	14111'	252'	27	10/50	225/260	1450	8.7	27	--	7.0	nc	43K	20.0	Drill	Base target
70	1/01/94	14388'	277'	27	10/40	225/260	1700	8.8	27	--	7.0	nc	47K	16.0	Drill, short trip	Watton Canyon
71	1/02	14443'	55'	27	10/40	225/260	1500	8.8	27	--	7.0	nc	45K	3.5	Drill, trip, ream	Watton Canyon
72	1/03	14443'	0'	27	5/25	60	1500	8.9	27	--	7.0	nc	60K	0.0	Wash & ream, trip	Watton Canyon
73	1/04	14628'	185'	28	10/40	225/260	1700	8.8	27	--	7.0	nc	53K	12.25	Trip, drill	Leeds Creek
74	1/05	14811'	183'	28	10/40	225/260	1700	8.8	27	--	7.0	nc	52K	7.75	Drill, circ, trip	Leeds Creek
75	1/06	14811'	0'	--	--	--	--	8.8	27	--	7.0	nc	52K	0.0	Log FMS	Leeds Creek

Thousands of feet Measured Depth
(Thousands)



DRILLING CHRONOLOGY

Day 0	10/23/93	Spud at 21:00 hours
Day 1	10/24/93	Drilling to 162'
Day 2	10/25/93	Drilling to 453'
Day 3	10/26/93	Drilling to 751'
Day 4	10/27/93	Drill to 893', bit trip, drill to 1013'
Day 5	10/28/93	Drill to 1352', lost full returns, mix LCM pill, regain circulation, drill to 1354', lost returns, mix LCM pill, regain returns
Day 6	10/29/93	Drill to 1482', trip for bit 3, drill to 1571', lost full returns at 1539', mix pill and regain returns, drill to 1631'
Day 7	10/30/93	Drill to 1657', trip for bit 4, drill to 1776'
Day 8	10/31/93	Drill to 2000', short trip to prepare for surface casing
Day 9	11/1/93	Run 10 3/4" surface casing, cement, wait on cement
Day 10	11/2/93	Pump second cement, wait on cement, cut off conductor, nipple-up BOP., test chokes and manifold
Day 11	11/3/93	Test BOP., trip in, test casing to 1500#, drill to 2104', trip for bit 6, drill to 2194'
Day 12	11/4/93	Drilling to 2671'
Day 13	11/5/93	Drilling to 2859', trip for bit 7, wash and ream 200'
Day 14	11/6/93	Drilling to 3149', trip for bit 8, drill to 3191'
Day 15	11/7/93	Drilling to 3703'
Day 16	11/8/93	Drilling to 4143'
Day 17	11/9/93	Drilling to 4157', trip for bit 9, wash and ream 185', drilling to 4295'
Day 18	11/10/93	Drilling to 4723'

Day 19	11/11/93	Drilling to 4973', trip for bit 10
Day 20	11/12/93	Wash and ream 692', drill to 5298'
Day 21	11/13/93	Drill to 5300', trip for bit 11, wash and ream 180', drill to 5565'
Day 22	11/14/93	Drill to 5978', pump pill
Day 23	11/15/93	Trip for bit 12, drill to 6170'
Day 24	11/16/93	Drilling to 6515'
Day 25	11/17/93	Drilling to 6559', trip for bit 13, wash and ream 30', drill to 6634'
Day 26	11/18/93	Drill to 6694', trip for bit 14, wash and ream 60', drill to 6759'
Day 27	11/19/93	Drilling to 7052'
Day 28	11/20/93	Drilling to 7397'
Day 29	11/21/93	Drill to 7433', trip for bit 15, wash and ream 46', drill to 7584'
Day 30	11/22/93	Drilling to 7858'
Day 31	11/23/93	Drill to 7898', trip for bit 16, wash and ream 20, drill to 7996'
Day 32	11/24/93	Drilling to 8198'
Day 33	11/25/93	Drilling to 8398'
Day 34	11/26/93	Drilling to 8494', trip for bit 17, wash and ream 50', drill to 8521'
Day 35	11/27/93	Drilling to 8761'
Day 36	11/28/93	Drill to 8808', lost 300 barrels mud, mix LCM pill, regain returns, drill to 9005', lost 100 barrels, regain, drill to 9028'
Day 37	11/29/93	Drill to 9047', trip for bit 18, wash and ream 39', drill to 9195' with mud loss seepage (250 barrels since trip)
Day 38	11/30/93	Drilling to 9444'
Day 39	12/1/93	Drilling to 9637'
Day 40	12/2/93	Drill to 9700', trip for bit 19, wash and ream 60', drill to 9713'

- Day 41 12/3/93 Drilling to 9954'
- Day 42 12/4/93 Drilling to 10141', begin salt-up at 10097'
- Day 43 12/5/93 Drill to 10176', trip for bit 20, wash and ream 70', drill to 10205'
- Day 44 12/6/93 Drilling to 10416', lost 350 bbls. mud last 24 hours, holding now
- Day 45 12/7/93 Drilling to 10594'
- Day 46 12/8/93 Drill to 10635', short trip 5 stands, drill to 10729', short trip 5 stands, drill to 10736', trip out
- Day 47 12/9/93 Trip for bit 21, wash and ream 40', drill to 10861'
- Day 48 12/10/93 Drill to 10950', circulate for logs; short trip 20 stands, circulate & condition for logs, drop survey & pump pill, trip out - SLM, rig up Western Atlas & log Dual Laterolog - GR, Sunburst placed on standby
- Day 49 12/11/93 Log Dual Laterolog, rig down Western Atlas, trip in drill collars & heavy weight drill pipe, slip & cut drilling line - 100', trip in, tight spot at 6763', wash & ream 44' to bottom with 3' fill, drilled to 10965', circulate & condition for intermediate casing, drop survey, trip out, survey misrun, lay down BHA, rig up casing crew, run 71 joints 7.75" 46.1# LTC 3011.11', attempt to change cross-over collar to correct threads
- Day 50 12/12/93 Finish running casing, 180 joints 7.625' 29.7# P110 BTC 7945', landed @ 10,962', float collar @ 10878', stage collar @ 5085', rig up cementers, circulate with rig pump, pump 100 bbls. salt water, 20 bbls. of CW100, 500 sacks "G" w/ 0.75 gal/sx D604, 24% D44, 0.03 gal/sx M65, 0.05% D800, 16.1 PPG, yield 1.22, 109 bbls. of slurry, displaced w/ 508 bbls. of mud, 20 bbls. over due to air in mud, bump plug @ 17:00 w/ 1000# release, float held, drop opening device, pressure up & open tool, circulate with rig pump, mix & pump 515 sacks 35/65 pozmix w/ 6% D20, 1/4#/sx D29, 0.35% D13, 12.7 PPG, yield 1.79, 164 bbls. slurry, tailed in w/ 200 sacks "G" w/ 0.1% D800, 15.8 PPG, yield 1.16, 21 bbls. slurry, drop closing device & displaced w/ 249 bbls. of mud, 15 bbls. over due to air in mud, close stage collar @ 20:00 W/ 2000# release, held OK, lost returns 230 bbls. into displacement, no mud in sight @ nipple down, nipple down BOPs, set slips w/ 330K weight, make rough cut & final cut, nipple up tubing head, pressure to 3500# - held OK for 15 min., nipple up BOPs
- Day 51 12/13/93 Nipple up BOPs, test blind rams, pipe rams, choke manifold, choke lines, kill line, super choke, upper & lower kelly valves, floor valve, and dart valve to 250 low & 3500 high, will replace upper kelly valve - difficult

to actuate, tested annular to 250 low & 1500 high, change out to slim hole kelly, took casing off racks, notified Utah State inspector - not coming out, rig up to circulate pump to keep suction from freezing, trip in 50 stands at a time & lay down drill pipe

- Day 52 12/14/93 Lay down drill pipe, change handling tools, pick up 6.5" bit, 18 4.75" drill collars & 4" drill pipe, tag cement @ 5015', drill cement, float equipment, & DV tool, tested DV tool to 1000 psi for 15 min. - held OK, pick up drill pipe, tag cement @ 10,718', drill cement & float equipment, Sunburst returned from standby
- Day 53 12/15/93 Drill cement & float equipment, test casing to 1000 psi for 15 min. - held OK, drill cement & float shoe, drill new hole to 10972', circulate bottoms up, trip out to run gyroscopic survey, trip out - SLM - no correction, stood back drill collars in derrick, rig up & run wireline gyro survey, pick up angle build BHA & MWD, test tools, trip in, filling pipe half way in
- Day 54 12/16/93 Trip in, pick up drill pipe to replace collars, drill string plugged, attempted to unplug with surges - no luck, trip back out to find plug, circulate & clear plug, trip back in, wash & ream 10' to bottom - no fill, drill (orient), survey, circulate for angle build assembly change (need more aggressive assembly), trip out for BHA change
- Day 55 12/17/93 Trip out, lay down 1.75 degree assembly, pick up 2 degree assembly with 1.5" kick pad, test tools, trip in filling pipe & testing MWD, work on MWD equipment, drill (orient), sliding difficult - pump glass beads & enviro-torque pills, rock string & rotate 2' in order to free up for sliding, drill (orient), survey, drill (orient)
- Day 56 12/18/93 Drill (orient), survey, drill (rotate), survey, lost partial returns beginning 11445'
- Day 57 12/19/93 Survey, drill (orient), install rotating head & check skimmer system (getting oil shows), circulate to re-establish returns & check gas, drill (orient), drill (rotate), survey, having difficulty sliding due to fractures hanging up kick pad, circulate prior to tripping to check bit & mud motor, trip out - pipe spinners broken down - having to chain out
- Day 58 12/20/93 Trip out - SLM - no correction, check BHA - OK, change out BHA, pick up 1.75 degree assembly w/ kick pad, new MWD probe & bit, trip in, fill pipe & check MWD - well on vacuum, string plugged, attempt to unplug w/ surges - no luck, trip out, found MWD tools & bottom monel plugged with pipe scale, unplugged, trip in, fill pipe & test MWD - OK, trip back to bottom - no fill, circulate to fill pipe & catch pressure, attempted to plug off, surged pressure & unplugged, drill (orient), survey

- Day 59 12/21/93 Drill (orient), survey, circulate prior to trip for steerable assembly, trip out to change BHA, tight spot @ 11520-11510', kelly up & work free, change BHA for steerable & pick up new bit, check MWD & mud motor - OK, trip in, hit tight spot @ 11510', wash & ream 11510-11579', wash tight hole 11510-11520', ream to TD, work on MWD tools, fill pipe, MWD giving GR data but no directional, check surface equipment - OK, surging pressure in attempt to reactivate MWD - no luck, trip out for failed MWD
- Day 60 12/22/93 Trip out for MWD, work on MWD, found failed connector between survey & GR tools, replace & test, slip & cut drilling line, trip in, hit tight spot @ 11510', kelly up & pump free, wash & ream 11700-11759' - no fill, drill (orient), survey, drill (rotate), survey, drill (orient), lost full returns 11884', continued drilling with partial returns
- Day 61 12/23/93 Drill (rotate), survey, drill (orient), survey, short trip 12 stands into casing, pump enviro-torque pill, trip back to bottom, drill (rotate), survey, drill (orient), survey
- Day 62 12/24/93 Drill (rotate), survey, drill (orient), drill (rotate), survey, drill (rotate), attempt survey - lost MWD pulses, circulate bottoms up prior to trip for MWD failure, trip out
- Day 63 12/25/93 Trip out for MWD, found GR probe dead, change BHA - test, trip in, wash & ream 50' to bottom - no fill, re-log GR 12445-12465' (bit depths), drill (rotate), drill (orient), survey, lost full returns @ 12565', continue drilling with partial returns
- Day 64 12/26/93 Drill (rotate), drill (orient), survey, drill (rotate)
- Day 65 12/27/93 Drill (rotate), drill (orient), survey, lost full returns @ 13156', continued drilling with partial returns, divert flow through skimmer system - burning 3' flare
- Day 66 12/28/93 Drill (rotate), drill (orient), survey, pump pill & short trip 27 stands, re-log GR from 12320-12534' (bit depths), drill (orient), drill (rotate), survey, 2-20' flare off gas buster
- Day 67 12/29/93 Drill (rotate), survey, drill (orient), drill (rotate), survey, recovered 65 bbls. oil in last 24 hrs. [cumm. 161 bbls.]
- Day 68 12/30/93 Drill (rotate), survey, drill (orient), drill (rotate), survey, circulate & pump pill for bit trip, trip out, kill flow, change BHA, trip in filling pipe & testing MWD, orient, drill (orient), drill (rotate), survey, 25 bbls. oil recovered in last 24 hrs. [cumm. 186 bbls.]

- Day 69 12/31/93 Drill (rotate), survey, drill (orient), drill (rotate), survey, drill (rotate), no new oil last 24 hrs., pumping oil sweeps to aid sliding, connections becoming tight
- Day 70 1/01/94 Drill (rotate), survey, drill (orient), drill (rotate), survey, pump pills, short trip 36 stands, drill (rotate), pumping oil sweeps, connections tight
- Day 71 1/02/94 Drill (rotate), survey, drill (orient), drill (rotate), survey, circulate for trip for reaming run, mix & pump pill, trip out, stand back directional BHA, pick up 6.5" 3 point reamer, lay down 44 joints drill pipe for reaming, trip in, wash & ream 13228-13408'
- Day 72 1/03/94 Wash & ream to 14,443', circulate sweeps, trip out, rig service & check BOPs, lay down reaming assembly, pick up directional BHA & new bit
- Day 73 1/04/93 Test mud motor & MWD, trip in, slip & cut drilling line, trip in, fill pipe & test MWD, install rotating head, orient, drill (orient), drill (rotate), survey, drill (orient), drill (rotate), survey, drill (rotate)
- Day 74 1/05/93 Drill (rotate), survey, drill (orient), drill (rotate), survey, circulate for logs, trip out for logging FMS, Sunburst Consulting released

SAMPLE DESCRIPTIONS

Samples lagged and caught by drill crews at 30' intervals from 8,000' to 10,950'. The interval from 10,950' to 10,965' was drilled while Sunburst personnel were on standby and off location, no samples were caught for this interval. Samples were caught by Sunburst mudloggers, lagged to proper depth at 10' intervals from 10,965' (intermediate casing point) to 12,000'. Due to declining sample quality and quantity 30' samples were caught from 12,000' to 14,811' [total depth]. No samples were recovered for some of the later portion of the horizontal hole, especially while circulating through the "oil skimmer system" and gas buster. Sampling began above the Stump Formation at 8,000' MD [measured depth]. Formation tops and significant marker events have been inserted in the sample descriptions below for reference. The TVD [true vertical depth] and subsea elevations are also included for stratigraphic markers.

- 8000' - 8030' Shale: red brown to light gray, moderately soft, clayey, limy, silty, trace anhydrite (90%)
Siltstone: red brown to brown, moderately friable, sandy, calcareous cement (10%)
- 8030' - 8060' Shale: as above, becoming very silty (70%)
Siltstone: as above, becoming very sandy and grading to sandstone in part (20%)
Sandstone: light red brown, white, very fine to fine grain, silty, clay matrix, no visible porosity, no shows (10%)
- 8060' - 8090' Shale: gray to red brown, moderately soft, blocky, earthy, silty, limy (80%)
Siltstone: red brown to gray brown, moderately friable, clayey, occasionally arenaceous and grading to sandstone (20%)
Sandstone: as above, generally grading with siltstone (Trace)
- 8090' - 8150' Shale: red brown to light gray, generally as above (80%)
Siltstone: generally as above, predominately clayey (20%)
- 8150' - 8210' Shale: light to medium gray, red brown, orange, soft, earthy, calcareous (80%)
Siltstone: orange to red brown, moderately soft, clayey, occasionally sandy, calcareous cement (20%)
- 8210' - 8240' Shale: as above, trace anhydrite (60%)
Siltstone: orange to red brown, moderately soft, clayey, occasionally sandy, calcareous cement (30%)
Sandstone: off white, very fine grain, well sorted, calcareous cement and matrix, poor visible porosity, moderately friable, no shows (10%)

- 8240' - 8270' Shale: red brown, orange, moderately soft, earthy, clayey, calcareous (90%)
Siltstone: as above, grading with sandstone (10%)
- 8270' - 8300' Shale: as above (50%)
Siltstone: orange to red brown, moderately friable, arenaceous, calcareous cement (30%)
Sandstone: white, very fine grained, well sorted, subangular, moderately friable calcareous cement and matrix, moderately tight to poor visible porosity, no shows (20%)
- 8300' - 8360' Shale: red brown to orange, moderately soft, earthy, silty to grainy, calcareous, blocky (80%)
Sandstone: white to tan, very fine grain, well sorted, subangular to subrounded, moderately friable, clean to moderate clay matrix, calcareous cement, poor visible porosity, no shows (20%)
- 8360' - 8390' Shale: generally as above (70%)
Sandstone: as above, occasionally grading to sandy siltstone (30%)
Chert: red brown to orange, translucent, hard, angular (Trace)
- 8390' - 8420' Shale: red brown, moderately soft, blocky, earthy, calcareous (90%)
Sandstone: light orange to white, very fine grain, subangular, well sorted, calcareous, moderately tight (10%)
Siltstone: orange, moderately friable, clayey, sandy in part, calcareous cement (Trace)
- 8420' - 8450' Shale: as above, occasionally very silty and grading to siltstone (100%)
- 8450' - 8480' Shale: dark red brown, light gray, moderately soft to firm, subplaty to blocky, earthy to occasionally subwaxy lustre, slight-moderately calcareous, silty (70%)
Sandstone: light orange, very fine to fine grain, moderately firm, well sorted, calcareous cement and matrix, moderately tight, no shows (20%)
Siltstone: light orange to red brown, calcareous, clayey, moderately soft (10%)
Limestone: light gray brown, cryptocrystalline, hard, dense, tight (trace)
- 8480' - 8510' Shale: predominately light to medium gray mottled with purple, subplaty, subwaxy, calcareous (90%)
Sandstone: predominately off white, as above (10%)

8510' - 8540'

Shale: light orange to red brown, moderately soft, clayey, blocky, earthy, calcareous (80%)

Siltstone: light orange, moderately soft, argillaceous, calcareous, occasionally sandy (20%)

8540' - 8600'

Shale: generally as above, occasionally grading to siltstone (90%)

Sandstone: orange to light red brown, very fine to fine grained, silty, poorly sorted, clayey matrix, calcareous cement, very poor visible porosity (10%)

8600' - 8660'

Shale: red brown, light gray, moderately soft, occasionally clayey, calcareous, subwaxy to earthy, occasionally silty (100%)

8660' - 8690'

Shale: light gray to light orange, moderately soft, limy, subwaxy to earthy, occasionally silty (90%)

Limestone: light gray brown, crypto-crystalline, dense, hard, tight (trace)

Siltstone: light gray to orange, clayey, moderately soft, calcareous (10%)

8690' - 8720'

Shale: predominantly light orange, as above (80%)

Siltstone: light orange, moderately soft, calcareous, argillaceous (10%)

Sandstone: off white to light pink, very fine grained, moderately sorted, clay and silt matrix, calcareous cement, tight (10%)

STUMP 8,726' MD, 8,711' TVD (-1098')

8720' - 8750'

Shale: very light gray to light orange, moderately soft, subplaty, subwaxy, calcareous (70%)

Siltstone: as above, generally grading to silty sandstone (10%)

Sandstone: clear to light orange, fine grained, subround, well sorted, friable, calcareous cement, moderately clean, fair visible porosity, no shows (20%)

8750' - 8780'

Limestone: light brown, light gray, crypto-crystalline to micro-crystalline, dense, tight (trace)

Shale: light orange to light gray, moderately soft to moderately firm, subwaxy to occasionally earthy, occasionally silty to grainy, slightly limy (100%)

8780' - 8810'

Abundant Nut Plug Contamination

Shale: as above, predominantly light orange (80%)

Sandstone: off white to very light orange, very fine to fine grained, well sorted, subround, friable, moderately clean, calcareous cement, poor visible porosity (20%)

8810' - 8840'

Poor sample, abundant nut plug contamination

Shale: light orange, moderately soft, blocky, earthy to subwaxy, limy (50%)

Sandstone: clear to off white, abundant unconsolidated grains, fine grained, subangular, calcareous cement, moderately clean, fair visible porosity, no shows (50%)

8840' - 8870'

Shale: as above (60%)

Sandstone: light to medium orange, very fine to fine grained, moderately to poorly sorted, subangular to subround, slight clay matrix, moderately friable, slightly calcareous cement, poor visible porosity (30%)

8870' - 8900'

Shale: light gray, maroon, red brown, moderately firm, subplaty, subwaxy (50%)

Sandstone: light orange to off white, very fine to fine grained, moderately sorted, subround to subangular, slightly calcareous, poor to fair visible porosity, no shows (50%)

Chert: light tan to light yellow green, hard, translucent (trace)

8900' - 8930'

Shale: as above (20%)

Sandstone: as above, predominantly clear to off white (30%)

Chert: light yellow green, angular, hard, translucent (50%)

8930' - 8960'

Shale: as above (10%)

Chert: as above (20%)

Sandstone: light pink to orange, very fine to medium grained, poorly sorted, subround to subangular, siliceous to slightly calcareous cement, moderate clay matrix, moderately tight to poor visible porosity, trace glauconite, no shows (70%)

8960' - 8990'

Shale: light to medium gray, occasionally mottled with maroon, moderately firm, subplaty to platy, subwaxy, slightly calcareous in part (70%)

PREUSS 9.012' MD, 8,997' TVD (-1384')

8990' - 9020'

Shale: light gray, red brown, maroon, moderately firm, subplaty, subwaxy to waxy, slightly calcareous (90%)

Sandstone: as above (10%)

9020' - 9050'

Shale: red brown to brick red, moderately firm, sooty to earthy luster, slightly calcareous, silty (80%)

Sandstone: white, glauconite, fine grained, medium to well sorted, subround to subangular, moderately clean, slightly to moderately calcareous, moderately firm, poor to fair visible porosity, no shows (20%)

9050' - 9110'

Shale: orange red to dark red brown, moderately firm, subplaty to blocky, abundant light to medium gray shale cavings, earthy, slightly calcareous (90%)

9110' - 9140'

Shale: as above, predominantly brick red (80%)

Siltstone: as above (20%)

9140' - 9200'

Shale: brick red to orange, moderately firm, subplaty, subwaxy, occasionally silty, slightly limy (90%)

Siltstone: orange red, moderately firm, calcareous, sandy (10%)

9200' - 9260'

Shale: as above (70%)

Siltstone: as above (20%)

Sandstone: light orange, very fine to fine grained, silty, moderately sorted, calcareous cement, moderately firm, clay matrix, tight, no shows (10%)

9260' - 9290'

Shale: light orange to brick red, moderately firm, subplaty, generally silty and grading to siltstone, occasionally chalky, slightly to moderately calcareous (30%)

Sandstone: light orange, moderately friable to firm, very fine to fine grained, subround, silty, clay matrix, calcareous, tight (30%)

Siltstone: light orange, predominantly sandy, argillaceous, calcareous cement, moderately firm (40%)

9290' - 9350'

Shale: as above (30%)

Siltstone: light orange to light red brown, generally sandy, as above (60%)

Sandstone: as above, grading to sandy siltstone (10%)

9350' - 9410'

Shale: dark brick red to orange, moderately firm, subwaxy to earthy, frequently silty, subplaty, slightly calcareous (20%)

Siltstone: light orange to red brown, moderately firm, calcareous, very arenaceous (60%)

Sandstone: light orange, very fine grained, moderately firm, silty, clay matrix, calcareous cement, predominantly tight (20%)

9410' - 9470'

Shale: as above (10%)

Sandstone: as above, occasionally fine to medium grained, poorly sorted, silty (30%)

Siltstone: light orange, sandy, as above (60%)

9470' - 9500'

Shale: brick red to red brown, moderately firm, subplaty to flaky, slightly calcareous, subwaxy to earthy (30%)

Siltstone: light to medium orange, moderately firm, limy, sandy (60%)

Sandstone: light orange to off white, very fine to medium grained, poorly sorted, silty and clayey matrix, calcareous cement, moderately firm, poor visible porosity to tight (10%)

9500' - 9560'

Shale: generally as above, grading to siltstone in part (10%)

Siltstone: as above, grading to sandstone in part (70%)

Sandstone: as above (20%)

9560' - 9620'

Siltstone: light orange, red brown, moderately firm, sandy, calcareous cement, clay matrix (60%)

Sandstone: light orange to red brown, very fine to medium grained, poorly sorted, silty and clayey matrix, moderately firm, calcareous cement, tight (40%)

9620' - 9710'

Shale: red brown to brick red, moderately firm, subplaty, silty to subwaxy very slightly calcareous (10%)

Sandstone: as above, predominantly very fine grained, tight, silty (30%)

Siltstone: as above, occasionally very sandy, occasional anhydrite matrix (60%)

Anhydrite: very light orange, crypto-crystalline, moderately soft, dirty (trace)

9710' - 9800'

Sandstone: light orange, very fine to medium grained, poorly sorted, subround, silty and clayey matrix, calcareous, tight, trace anhydrite matrix (40%)

Siltstone: light orange, moderately firm, calcareous, very sandy, clay matrix, occasional anhydrite matrix (60%)

Anhydrite: as above (trace)

9800' - 9860'

Sandstone: generally poorly sorted, grading to siltstone in part, as above (30%)

Siltstone: as above, occasionally very sandy (70%)

9860' - 9950' Sandstone: light orange, very fine to fine grained, moderately firm, poorly sorted, silty and clayey matrix, calcareous cement, generally tight (40%)
Siltstone: orange to red brown, moderately firm to firm, calcareous, clay matrix, sandy (60%)

9950' - 10040' Sandstone: generally as above, predominantly very fine grained, generally grading to sandy siltstone (30%)
Siltstone: orange to red brown, moderately firm, sandy, limy (70%)

10040' - 10100' Shale: brick red, moderately firm, subplaty, earthy, slightly calcareous (20%)
Siltstone: as above, occasionally sandy, generally argillaceous (60%)
Sandstone: orange, very fine to fine grained, poorly sorted, abundant silt and clay matrix, moderately tight (20%)

10100' - 10160' Shale: as above, occasionally silty and grading to siltstone (40%)
Siltstone: orange brown, moderately firm, predominantly argillaceous and grading to shale, occasionally sandy, limy cement (50%)
Sandstone: as above, generally grading to sandstone (10%)

10160' - 10250' Shale: brick red, moderately firm, subplaty, earthy, very slightly calcareous (70%)
Siltstone: red brown, moderately firm, generally very argillaceous and grading with shale, occasionally sandy (30%)

10250' - 10310' Shale: brick red to red orange, silty, as above (80%)
Siltstone: generally as above, grading with shale (20%)

10310' - 10390' Shale: brick red to red brown, moderately firm, silty, subplaty, earthy, slightly limy (60%)
Siltstone: red brown, moderately firm, argillaceous, slightly calcareous, occasionally sandy (40%)

PREUSS SALT 10,400' MD. 10,383' TVD (-2770')

10390' - 10410' Salt: inferred by drill rate, no salt returns to surface, abundant silt and shale cavings.

10410' - 10440' Shale: red brown to dark orange, moderately firm, silty, subplaty to blocky, earthy (60%)
Siltstone: brown orange, moderately firm to firm, slightly calcareous cement, argillaceous matrix, frequently sandy (40%)

TWIN CREEK (Giraffe Creek Member) 10,440' MD, 10,422' TVD (-2809')

- 10440' - 10490' Limestone: light gray, moderately firm, very fine crystalline, frequently shaly to silty, tight. Abundant Preuss cavings.
- 10490' - 10550' Limestone: light to medium gray, moderately firm, micro- to very fine crystalline, slightly argillaceous, occasionally silty to sandy, trace pelletal, moderately tight (100%)
- 10550' - 10610' Limestone: light to medium gray, moderately hard, microcrystalline, occasionally silty to sandy, frequently argillaceous, dense, tight (100%)
- 10610' - 10700' Limestone: predominately light gray, moderately hard, microcrystalline, silty to shaly, tight
- 10700' - 10760' Limestone: light to medium gray, moderately hard, silty, occasionally sucrosic, microcrystalline
- 10760' - 10820' Limestone: medium gray, moderately hard, shaly to silty, dense, tight
- 10820' - 10900' Limestone: light gray, generally as above, shaly to silty
- 10900' - 10930' Limestone: light to medium gray, moderately hard, silty to shaly, micro- to very fine crystalline, tight

LEEDS CREEK MEMBER 10,921' MD, 10,900' TVD (-3287')

- 10930' - 10950' Limestone: light gray, hard, abundant oolitic to pelletal, micro- to very fine crystalline, occasionally silty, generally tight
- 10950' - 10965' No samples caught
- 10965' - 10972' Limestone: light gray brown, medium to light gray, very fine crystalline, oolitic in part, with sparry cement, anhydritic in part, moderately hard to soft, trace mineral fluorescence, no cut, no visible porosity, slightly argillaceous, occasional silty & bentonitic
Cavings: from possum belly & flow line

KICK-OFF POINT 10,972' MD, 10,951' TVD (-3338')

- 10972' - 10990' Limestone: medium gray, very fine crystalline, slightly argillaceous, moderately hard, no fluorescence, no cut, no porosity, trace bentonitic

- 10990' - 11000' Limestone: medium to light gray, light green, very fine crystalline, slightly argillaceous, silty in part, bentonitic in part, moderately hard to soft, occasional very fine sandy, no fluorescence, no cut, no visible porosity, chalky in part
- 11000' - 11010' Limestone: medium to light gray, light green, very fine crystalline, slightly argillaceous, silty, as above, (occasional soft & gummy, bentonitic)
- 11010' - 11030' Limestone: light gray, light gray brown, occasional light green, very fine to fine crystalline, silty to very fine sandy, moderately hard, no fluorescence, no cut, trace interparticle porosity, chalky & anhydritic in part, trace mica
- 11030' - 11040' Limestone: light gray, light gray brown, very fine crystalline, very fine sandy to silty, as above, (trace fine pyrite, increased mica)
- 11040' - 11050' Limestone: light gray, light gray brown, very fine crystalline, very fine sandy to silty, as above, (euhedral calcite crystals, clear to white)
- 11050' - 11060' Limestone: light gray brown, light gray, very fine crystalline, very fine sandy to silty, angular salt & pepper texture, chalky & anhydritic matrix in part, calcite matrix in part, moderately hard, mineral fluorescence, no cut, trace to poor interparticle porosity
- 11060' - 11080' Limestone: medium to light gray, very fine crystalline, slightly argillaceous, moderately hard, no fluorescence, no cut, no porosity
- 11080' - 11100' Limestone: medium to light gray, occasional light brown, trace light green, very fine crystalline, occasional very fine to fine sandy, moderately hard, trace bentonitic, no fluorescence, no cut, no visible porosity, trace to rare fossil fragments, chalky in part
- 11100' - 11110' Limestone: medium to light gray, trace light green, very fine crystalline, slightly argillaceous, moderately hard to soft, no fluorescence, no cut, no visible porosity, occasional chalky & anhydritic, trace bentonitic
- 11110' - 11120' Limestone: light to medium gray, apple green, very fine crystalline, slightly argillaceous, bentonitic in part (green), moderately hard to soft, mineral fluorescence in part, no cut, no visible porosity, clear to white calcite in part
- 11120' - 11130' Limestone: light to medium gray, decreasing apple green, as above

- 11130' - 11150' Limestone: light to medium gray, occasional apple green, very fine crystalline, slightly argillaceous in part, moderately hard, becoming chalky & anhydritic in part, no fluorescence, no cut, no porosity, clear to white fringing calcite vein or fracture fill
- 11150' - 11170' Limestone: light to medium gray, very fine to fine crystalline, silty in part, slightly argillaceous, moderately hard, no fluorescence, no cut, no visible porosity, occasional clear to white calcite
- 11170' - 11200' Limestone: medium to light gray, very fine crystalline, slightly argillaceous, moderately hard, no fluorescence, no cut, no porosity, occasional vein calcite (white)
- 11200' - 11210' Limestone: medium to light gray, as above, (becoming increasingly silty, trace bentonitic)
- 11210' - 11220' Limestone: light to medium gray, fine to very fine crystalline, silty, occasional bentonitic, moderately hard, no fluorescence, no cut, trace interparticle porosity, occasional granular
- 11220' - 11230' Limestone: light to medium gray, very fine crystalline, slightly argillaceous, moderately hard to soft, slightly chalky & anhydritic, trace vein calcite, no fluorescence, no cut, no porosity
- 11230' - 11250' Limestone: medium to light gray, very fine to microcrystalline, slightly argillaceous, moderately hard, no fluorescence, no cut, no porosity, occasional clear to white vein calcite
- 11250' - 11260' Limestone: medium gray brown, very fine to microcrystalline, moderately hard, no fluorescence, no cut, no porosity, occasional chalky, clear to white vein calcite in part

WATTON CANYON MEMBER 11,272' MD, 11,230' TVD (-3617')

- 11260' - 11270' Limestone: medium to light gray brown, light brown, micro- to very fine crystalline, moderately hard, no fluorescence, no cut, no porosity, occasional clear to white vein calcite
Limestone: apple green, very fine crystalline, moderately hard to soft, mineral fluorescence, no cut, no visible porosity [5%]
- 11270' - 11280' Limestone: medium gray brown, micro- to very fine crystalline, as above, slightly argillaceous
Limestone: apple green, as above [trace]

- 11280' - 11290' Limestone: light brown, light gray brown, micro- to very fine crystalline, chalky in part, moderately hard, no fluorescence, no cut, no porosity, white to clear vein calcite in part
- 11290' - 11300' Limestone: light gray brown, light brown, micro- to very fine crystalline, as above, occasional chalky
- 11300' - 11340' Limestone: light to medium gray brown, micro- to very fine crystalline, as above, (white to clear vein/ fracture fill calcite)
- 11340' - 11360' Limestone: light to medium gray brown, as above, (trace apple green, bentonitic, very fine crystalline)
- 11360' - 11380' Limestone: light to medium gray brown, light gray, very fine to occasional microcrystalline, silty in part, moderately hard, no fluorescence, no cut, trace interparticle porosity, white to clear vein calcite, occasional apple green, as above
- 11380' - 11400' Limestone: light to medium gray brown, light gray, as above, (decreasing silty, micro- to very fine crystalline, increasing apple green in 11390' sample)
- 11400' - 11420' Limestone: medium to light gray brown, micro- to very fine crystalline, moderately hard, no fluorescence, no cut, no visible porosity, white to clear vein calcite, trace apple green, as above
- 11420' - 11440' Limestone: medium to light gray brown, as above, (increased apple green, occasional stylolitic, predominately microcrystalline)
- 11440' - 11460' Limestone: medium to light gray brown, as above, (5% apple green)
- 11460' - 11490' Limestone: medium to light gray brown, light gray, micro- to very fine crystalline, as above, (2% apple green)
- 11490' - 11530' Limestone: light to medium gray brown, as above, (predominately microcrystalline, decreasing cuttings size, surficial oil from mud)
- 11530' - 11540' Limestone: light to medium gray brown, as above, (heavy surficial oil)
- 11540' - 11550' Limestone: light gray brown, light gray, very fine to microcrystalline, moderately hard, no fluorescence, no cut, no visible porosity, chalky & anhydritic in part, trace surficial oil

11550' - 11580' Limestone: light to medium gray brown, light gray, very fine to microcrystalline, as above, (decreasing chalky & anhydritic, clear to white vein calcite, some with spotty oil stain, occasional apple green, bentonitic limestone)

TOP 30' TARGET ZONE 11,590' MD, 11,383' TVD (-3770')

11580' - 11600' Limestone: light gray brown, light gray, tan, very fine crystalline, chalky & anhydritic, moderately hard, mineral fluorescence, no cut, no visible porosity, clear to white vein calcite, occasional apple green, bentonitic, (with pipe scale)

11600' - 11640' Limestone: light gray brown, light gray, tan, as above, (increasing chalky & anhydritic, with occasional apple green, bentonitic, occasional clear to white vein/fracture fill calcite, (with trace pipe scale)

11640' - 11650' Limestone: light gray, light gray brown, tan, as above, (increased clear to white calcite as above)

11650' - 11700' Limestone: light gray brown, tan, micro- to very fine crystalline, moderately hard, no fluorescence, no cut, no visible porosity, occasional clear to white calcite

11700' - 11750' Limestone: light gray brown, micro- to very fine crystalline, as above, (trace surficial oil)

11750' - 11758' Limestone: light gray brown, as above, (surficial oil)

11758' - 11780' Limestone: light gray, light gray brown, micro- to very fine crystalline, moderately hard, no fluorescence, no cut, no visible porosity, clear to white calcite as above

11780' - 11800' Limestone: light to medium gray brown, light gray, as above

11800' - 11820' Limestone: medium to light gray brown, microcrystalline, as above, (occasional chalky, trace stylolites)

11820' - 11850' Limestone: medium gray brown, microcrystalline, as above, (clear to white vein calcite)

11850' - 11890' Limestone: medium gray brown, microcrystalline, as above, (occasional chalky)

11890' - 11900' Limestone: medium gray brown, microcrystalline, as above, (trace oolitic/pelletal ghosts, increased clear to white calcite)

- 11900' - 11950' Limestone: medium gray brown, microcrystalline, moderately hard, trace clear to white vein calcite, no fluorescence, no cut, no porosity
- 11950' - 11980' Limestone: medium gray brown, microcrystalline, as above
- 11980' - 12000' Limestone: medium to light gray brown, tan, micro- to very fine crystalline, moderately hard, no fluorescence, no cut, no visible porosity, clear to white vein calcite, decreasing cuttings size, very slight trace pyrite
- 12000' - 12060' Limestone: medium to light gray brown, occasional tan, as above, (trace stylolitic, normal cuttings size)
- 12060' - 12150' Limestone: medium gray brown, micro- to very fine crystalline, moderately hard, no fluorescence, no cut, no visible porosity, clear to white vein/fracture fill calcite, some with euhedral terminations, normal cuttings size
- 12150' - 12260' Limestone: medium gray brown, micro- to very fine crystalline, as above, (trace chalky)
- 12260' - 12300' Limestone: medium to light gray brown, micro- to very fine crystalline, as above, (slight increase clear calcite)

FAULT 12.354' MD. ~94' THROW

- 12300' - 12450' Limestone: medium gray brown, micro- to very fine crystalline, as above, (normal cuttings size, trace chalky & soft)
- 12450' - 12508' Limestone: medium gray brown, micro- to very fine crystalline, as above, (decreased cuttings size)
- 12508' - 12600' Limestone: medium to light gray brown, micro- to very fine crystalline, moderately hard, clear to white vein calcite in part, no fluorescence, no cut, no visible porosity, fine cuttings size
- 12600' - 12750' Limestone: medium to light gray brown, as above, (very fine cuttings size)
- 12750' - 12900' Limestone: medium to light gray brown, as above, (very fine cuttings size, occasional clear to white vein/fracture fill calcite)
- 12900' - 13050' Limestone: medium to light gray brown, as above, (fine cuttings size)

13050' - 13110' Limestone: light to medium gray, micro- to very fine crystalline, moderately hard, no fluorescence, no cut, no visible porosity, occasional clear to white calcite, fine cuttings size

13110' - 13230' Limestone: light to medium gray brown, as above, (fine cuttings size)

FAULT 13,330' MD, ~9' THROW

13230' - 13350' Limestone: medium gray, medium to light gray brown, very fine to microcrystalline, moderately hard, no fluorescence, no cut, no visible porosity, (large cuttings size & pipe scale from initial use of skimmer system)

13350' - 13470' Limestone: medium gray brown, micro- to very fine crystalline, as above, (normal cuttings size)

13470' - 13530' No samples

TOP 30' TARGET ZONE 13,550' MD, 11,511' TVD (-3898')

13530' - 13650' Limestone: medium gray brown, micro- to very fine crystalline, as above, (clear to white vein./fracture fill calcite, some with euhedral terminations)

13650' - 13740' Limestone: medium gray brown, as above

13740' - 13800' Limestone: medium to light gray brown, micro- to very fine crystalline, as above, (decreasing cuttings size)

13800' - 13860' Limestone: medium to light gray brown, micro- to very fine crystalline, as above

BASE TARGET ZONE 13,856' MD, 11,545' TVD (-3932')

13860' - 13950' Limestone: medium to light gray brown, as above, (trace apple green, bentonitic)

13950' - 14100' Limestone: medium to occasional light gray brown, as above, (trace apple green, bentonitic, moderately hard to soft)

14100' - 14160' Limestone: medium gray brown, apple green, micro- to very fine crystalline, bentonitic in part (apple green), moderately hard to occasional softer, no fluorescence, no cut, no visible porosity, slight trace clear to white calcite

FAULT 14,206' MD, ~123' THROW

14160' - 14310'	No samples
14310' - 14340'	<u>Limestone</u> : medium gray brown, apple green, micro- to very fine crystalline, bentonitic in part (apple green), as above, (poor sample quality)
14340' - 14400'	No samples
14400' - 14430'	<u>Limestone</u> : medium gray brown, apple green, as above (poor sample quality)
14430' - 14550'	No samples
14550' - 14580'	<u>Limestone</u> : medium gray brown, micro- to very fine crystalline, moderately hard, no fluorescence, no cut, no visible porosity, trace clear to white vein/fracture fill calcite, very poor sample quality
14580' - 14670'	No samples
14670' - 14700'	<u>Limestone</u> : medium gray brown, as above, poor sample
14700' - 14811'	No samples

TOTAL DEPTH 14,811' MD, 11,555' TVD (-3942')

LOGGING REPORT

Logging Company: Atlas Wireline Engineer: R. Tribble Date: 12/10/93

Witnessed by: Bobby Cooper, representing UPRC

Driller's TD Depth: 10,950' Logger's TD Depth: 10,942'

Driller's Casing Depth: 2,000' Logger's Casing Depth: 2,001'

Elevation: GL: 7589' Sub: 24' KB: 7613'

Mud Conditions: Wt: 10.2 Vis: 39 WL: 11.6 CL: 184K
BHT: 186°F Rmf: .028 @ 84°F Rm @ BHT: .022

Hole Conditions: Good

Logging Time: First Tool in Hole: 5:00 12/10/93

Last Tool Out: 7:00 12/10/93

Electric Logging Program: 1.) Dual Laterolog from 10,940' to 2,000' with Gamma Ray to ground surface.

Software Presentation: None

Log Tops: Frontier 3045'MD, 3043'TVD; Aspen 4923'MD, 4918'TVD; Kelvin 5230'MD, 5225'TVD; Stump 8726'MD, 8711'TVD; Preuss 9012'MD, 8997'TVD; Salt 10400'MD, 10383'TVD; Base Salt 10410'MD, 10393'TVD; Twin Creek 10440'MD, 10422'TVD; Leeds Creek 10921'MD, 10900'TVD

Note: DLL run while Sunburst personnel on standby and off location. Tubing conveyed FMS log run by Schlumberger after Sunburst released from well.



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

RECEIVED

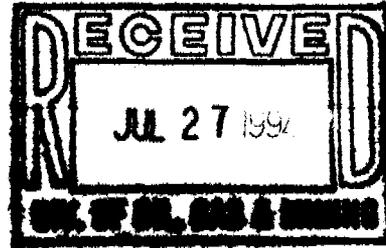
JUL 19 1994

CONFIDENTIAL

REGULATORY
DEPARTMENT

July 14, 1994

Ms. Cami Minzenmayer
Union Pacific Resources Company
P. O. Box 7 MS 3006
Fort Worth, Texas 76101-0007



Re: Judd #34-1H, API No. 43-043-30301
Submittal of Electric and Radioactivity Logs

Dear Ms. Minzenmayer

We have not received the logs for the referenced well. The Well Completion Report indicates that ~~Dual Laterolog and Gamma Ray~~ logs were run. Please submit a copy of these logs to this office as soon as possible.

Your help in this matter will be greatly appreciated. If you have questions regarding this request, please contact me at (801)538-5340.

Sincerely,

Vicky Carney
Production Group Supervisor

cc: R. J. Firth
D. T. Staley
L. D. Clement
Log File



SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

Fee

6. Field, Acreage or Tract Name

NA

7. Unit Agreement Name:

NA

1. Type of Well: OIL GAS OTHER:

8. Well Name and Number:

Judd 34-1H

2. Name of Operator:

Union Pacific Resources Company

9. API Well Number:

43-043-30301

3. Address and Telephone Number:

PO Box 7 MS 3006 Fort Worth, TX 76101-0007

10. Field and Pool, or Wholec:

Lodgepole

4. Location of Well

Footages: 711' FSL, 552' FWL Sec. 34, T. 2 N., R. 6 E., SLBM

County: Summit

OC Sec. T.R.M.: SW4/SW4 Sec. 34, T. 2 N., R. 6 E., SLBM

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |

Other Temporary Flaring

Approximate date work will start Upon Approval

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion _____

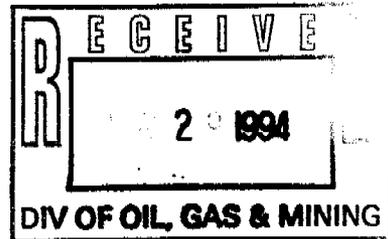
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Union Pacific Resources Company (UPRC) hereby requests a 90-day flaring period for the above referenced well. UPRC needs the additional time to modify surface equipment and complete tie-in of the well.

The well is capably of producing approximately 160 MCF/day.



13.

Name & Signature: W. F. Brazelton

Title: Senior Regulatory Analyst Date: 94-11-28

(This space for State use only)



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

November 30, 1994

W. F. Brazelton, Senior Regulatory Analyst
Union Pacific Resources Company
P.O. Box 7, MS 3006
Fort Worth, Texas 76101-0007

Re: Judd #34-1H Well, Fee Lease, Section 34, T. 2 N., R. 6 E., Summit County, Utah -
Request for Temporary Flaring (90-day period)

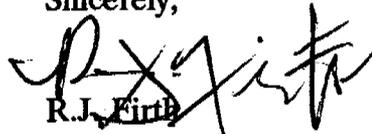
Dear Mr. Brazelton:

Pursuant to your request dated November 28, 1994, and in accordance with Utah Admin. Code R. 649-3-20, Union Pacific Resources Company (UPRC) is authorized to vent/flare gas during production testing of the referenced well, not to exceed a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. This authorization represents the full administrative capability of the Division of Oil, Gas and Mining (the "Division"), pursuant to Utah Admin. Code R. 649-30-20, for venting/flaring gas during testing and well evaluation.

Should UPRC desire to vent/flare gas beyond this authorization, UPRC must submit a Request for Agency Action to the Board of Oil, Gas and Mining to be considered as a formal board docket item.

UPRC is required to notify the Division when testing operations are initiated. If additional information is required regarding this authorization, please contact Frank Matthews at the Division.

Sincerely,


R.J. Firth
Associate Director

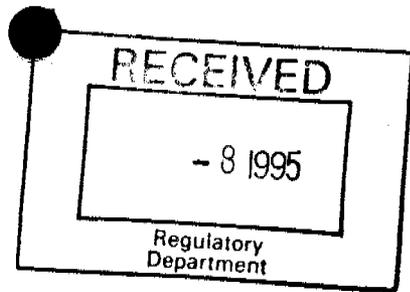
ldc

Attachment

cc: Jan Brown, Secretary of the Board
F. R. Matthews, Petroleum Engineer
G. L. Hunt, Environmental Manager
S. L. Schneider, Audit Manager

WINFRM





Judd 34-1H
SW/4 S34 T2N R6E
Summit County, Utah
Elevation = 7589' KB = 7613' TD = 14,812'

10-3/4" 45.5# J-55 casing set @ 2000' cemented w/ 1210 sxs 35/65 POZ mix and class G cement. Plug bumped, float held.
7-3/4" 46.1# S-125 LTC (3011') and 7-5/8" 29.7# P-110 BTC (7945') landed @ 10,962', FC @ 10,878', stage collar @ 5085'. Cemented w/ 1015 sxs G cement. Lost returns on top stage.
4-1/2" 11.6# K-55 LTC preperforated liner (4006', 1 0.42" hpf 11,400' - 14,000') top @ 10,806', bottom @ 14,812'.
Tubing: 334 Jts (10,606') 2-7/8" L-80 EUE w/ Centrilift submersible pump @ 10,696'.

Workover Procedure: Watton Canyon member of the Twin Creek Limestone 3-2-95.

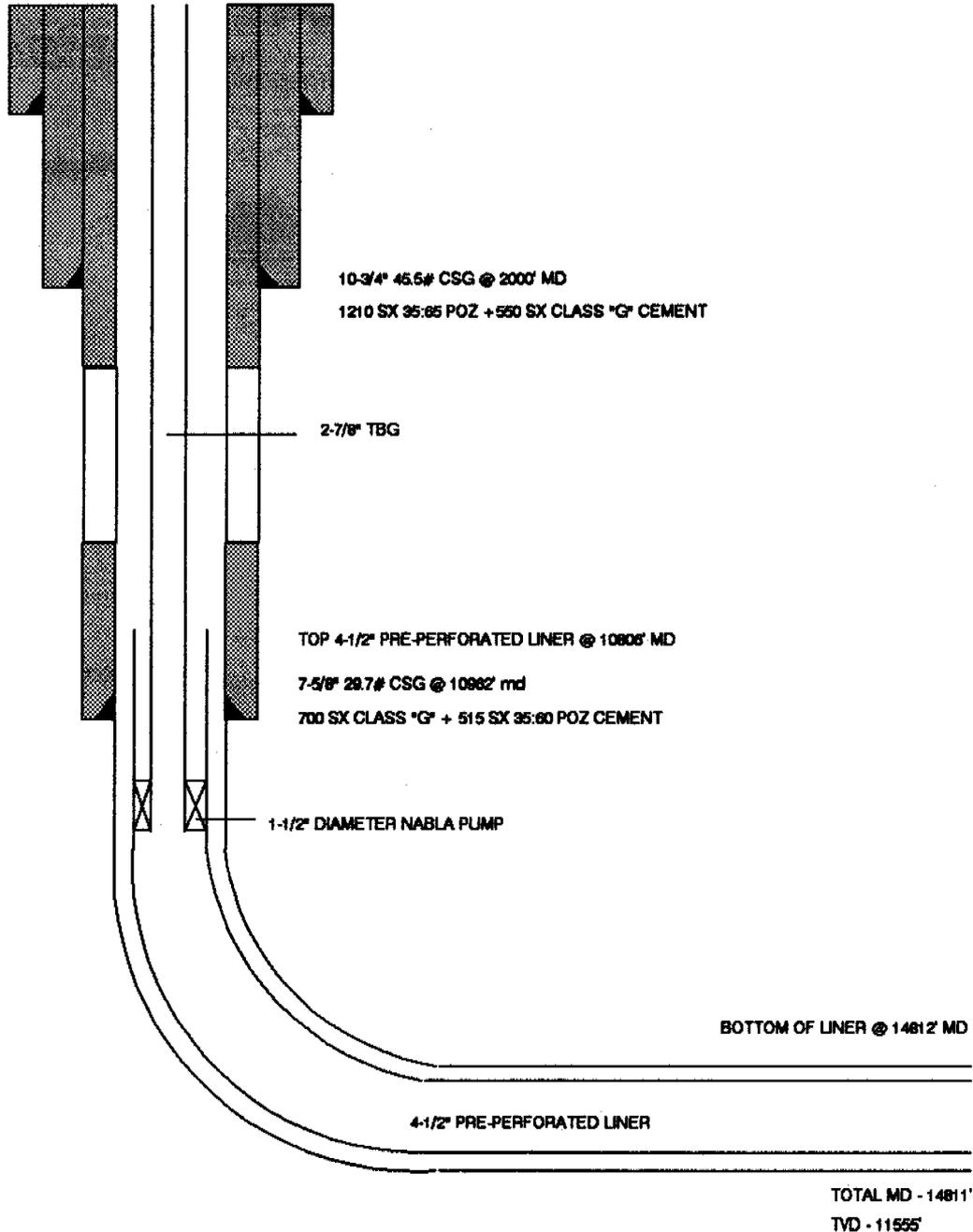
1. MIRU production rig. ND wellhead. NU BOP.
2. POH and laydown submersible pump equipment.
3. RIH with 2-7/8" L-80 tubing with seating nipple at 10,000'. Land tubing. ND BOP. NU tree.
4. RIH with 2680' of 1" EL rods over 2700' 7/8" EL rods with 4 guides per rod over 4370' 3/4" EL rods with 4 guides per rod over 250 1" EL rods with 4 guides per rod over a 1-1/2" bore pump (see attached Nabla design).
5. Install polish rod. Attach horses head of A912-427-192 pumping unit.
6. RTP. Test daily. Shoot fluid levels once per week.


P. L. Stevens

cc: J. Neuner
P. Smith
P. Straub
Central Files
Hot File

WELL NAME: Judd 34-1H
Sec. 34, T. 2 N., R. 6 E., SLM
Summit County, Utah
API No. 43-043-03031
SPUD DATE: 93-10-23

DATE: 95-03-09
BY: WFB
FIELD: Lodgepole

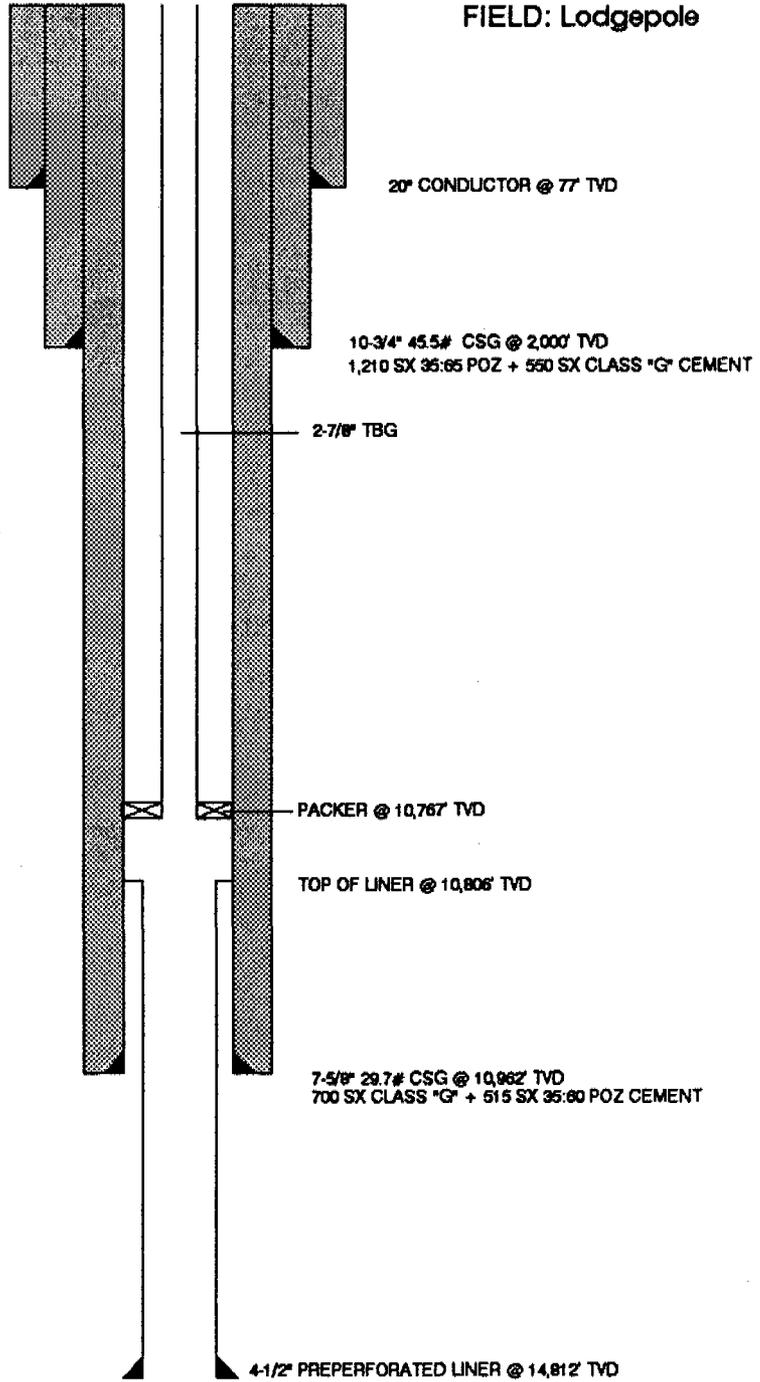


UNION PACIFIC RESOURCES COMPANY

WELL NAME: Judd 34-1H
Sec. 34, T. 2 N., R. 6 E., SLBM
Summit County, Utah
API No. 43-043-30301

DATE: 94-12-20
BY: WFB

FIELD: Lodgepole



UNION PACIFIC RESOURCES COMPANY

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
APR 10 1995

6. Class Designation and Serial No.
Fee

7. Unit Agreement Name
NA

7. Unit Agreement Name
NA

8. Well Name and Number
Judd 34-1H

8. API Well Number
43-043-30301

10. Field and Pool, or Wildcat
Lodgepole

SUNDRY NOTICES AND REPORTS ON WELLS OF OIL, GAS & MINING

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well:
OIL (X) GAS () OTHER:

2. Name of Operator
Union Pacific Resources Company **CONFIDENTIAL**

3. Address and Telephone Number
P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

4. Location of Well
Footage 711' FSL, 552" FWL Sec. 35, T. 2 N., R. 6 E., SLM County Summit
QQ, Sec., T., R., M. SW/SW Sec. 34, T. 2 N., R. 6 E., SLM State Utah

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

- () Abandonment
- () Casing Repair
- () Change of Plans
- () Conversion to Injection
- () Fracture Test
- () Multiple Completion
- () Other _____
- () New Construction
- () Pull or Alter Casing
- (X) Recompletion
- () Shoot or Acidize
- () Vent or Flare
- () Water Shutoff

SUBSEQUENT REPORT

(Submit Original Form Only)

- () Abandonment *
- () Casing Repair
- () Change of Plans
- () Conversion to Injection
- () Fracture Treat
- () Other _____
- () New Construction
- () Pull or Alter Casing
- () Shoot of Acidize
- () Vent or Flare
- () Water Shut-Off Shutoff

Date of work completion _____

Approximate date work will start ASAP

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Union Pacific Resources Company proposes to recomplete the UPRR 34-1H well as per the attached procedure.

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"
If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.
Name/Signature: W. F. Brazelton W. F. Brazelton Title: Senior Regulatory Analyst Date: 95-03-09

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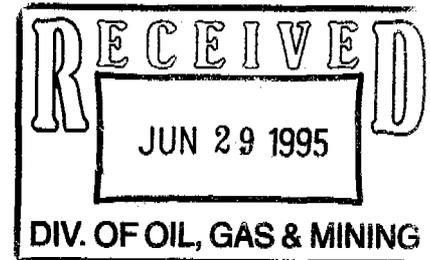
**Union Pacific
Resources**
A Subsidiary of Union Pacific Corporation

June 28, 1995

Division of Oil, Gas and Mining
Utah Department of Natural Resources
3 Triad Center - Suite 350
355 West North Temple Street
Salt Lake City, Utah 84190

ATTN: Mr. Mike Hebertson

RE: **Application For Permit To Drill (APD)
UPRC Judd 34-1H Redrill
Section 34, T. 2 N., R. 6 E.
Summit County, Utah**



Dear Mike:

Enclosed for your further handling and review are two copies each of the following documents for Union Pacific Resources Company's planned re-entry of the above referenced well:

1. Application For Permit To Drill
2. On-Site Pre-Drill Evaluation and Review (13-point)
3. Certified Location Plats
4. Location of Existing Wells Within A One-mile Radius

Because of immediate rig availability UPRC solicits approval of the APD at your earliest convenience.

Please call me at (817) 877-7952, FAX (817) 877-7942, if you have any questions or need additional information.

Yours truly,

UNION PACIFIC RESOURCES COMPANY

W. F. Brazelton
Senior Regulatory Analyst

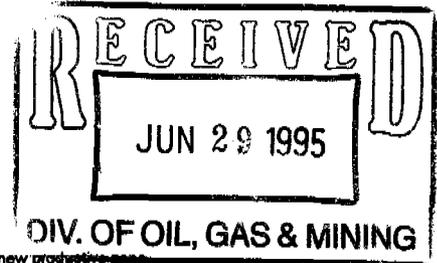
STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK			5. Lease Designation and Serial No. FEE	
1 a. Type of Work <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK			6. If Indian, Allottee or Tribe Name NA	
b. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone			7. Unit Agreement Name NA	
2. Name of Operator UNION PACIFIC RESOURCES COMPANY			8. Farm or Lease Name Judd	
3. Address of Operator P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007			9. Well Name Judd 34-1H Redrill	
4. Location of Well (Report location clearly and in accordance with any State requirements) At Surface 711' FSL, 552' FWL Sec. 34, T. 2 N., R. 6 E., SLM At Proposed Producing Zone Watton Canyon: 2100' FSL, 660' FEL Sec. 34, T. 2 N., R. 6 E. Rich: 660' FNL, 1250' FEL Sec. 34, T. 2 N., R. 6 E.			10. Field and Pool, or Wildcat Lodgepole	
14. Distance in miles and direction from nearest town or post office 8 miles southeast from Coalville, Utah			12. County or Parish Summit	13. State Utah
15. Distance from proposed location to nearest property or lease line, Ft. 552' (Also to nearest drilling line, if any)	16. No. of acres in lease 640	17. No. of acres assigned to this well 640		
18. Distance from proposed location to nearest well, drilling, completed. or applied for, on this lease, Ft. Approx. 1320'	19. Proposed Depth WC - 14906' MD R - 16222 MD	20. Rotary or cable tools Rotary		
21. Elevations (Show whether DP, RT., GR., etc.) 7615' GR MSL, 7635' KB		22. Approx. date work will start Upon Approval		
23 PROPOSED CASING AND CEMENTING PROGRAM				
Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
14-3/4"	10-3/4"	45.5	2000'	1210 sx 35.65 POZ + 550 sx Class "G"
7-5/8"/7-3/4"	9-7/8"	29.7	10962'	700 sx Class "G" + 515 sx 35.65 POZ

Union Pacific Resources Company proposes to re-enter the Judd 34-1H (API - 43-043-30301), attempt to recover the existing 4-1/2" liner, set and dress a cement plug to TOC @ 10980', then **drill and attempt to complete two separate horizontal laterals**, one in the Watton Canyon Member of the Twin Creek Formation and the other in the Rich Formation.

Please refer to the attached Drilling Procedure for details.

Because of immediate availability of drilling equipment, UPRC respectfully solicits prompt approval of this APD.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.
If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. I hereby certify that this report is true and complete to the best of my knowledge

Signed: **W. F. Brazelton**

Title: **Senior Regulatory Analyst**

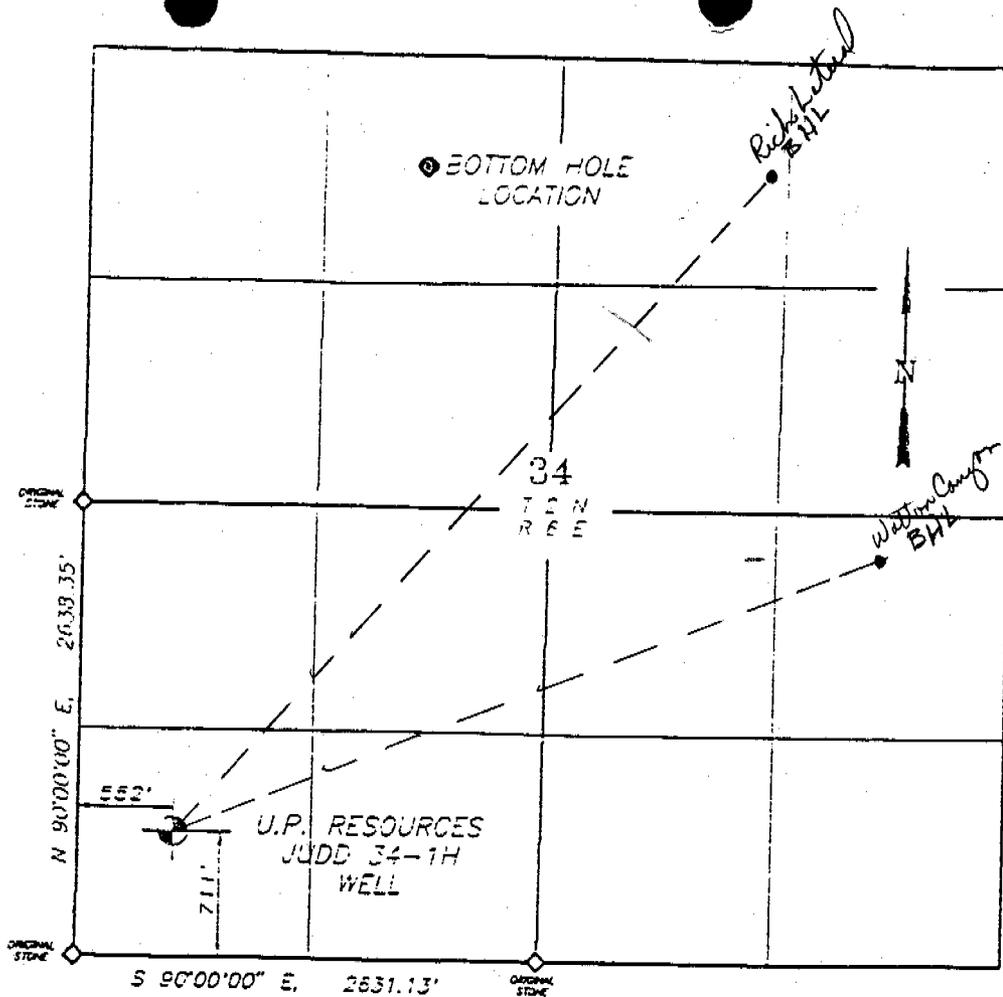
Date: **95-06-28**

API No. **43-043-30301**

Approval Date _____

Approved by: *[Signature]*
Conditions of approval, if any:

TR: *[Signature]* Date **6/30/95**



LOCATION MAP

SURVEYED UNDER MY SUPERVISION ON
 SEPTEMBER 8, 1993

John A. Proffit 9/23/93
 JOHN A. PROFFIT, PLS 0280

U.P. RESOURCES
 JUDD 34-1H WELL
 711' FSL 552' FWL
 SW 1/4 SW 1/4 SECTION 34
 T 2 N. R 6 E. SLB&M
 SUMMIT COUNTY, UTAH

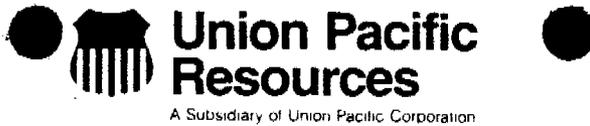
JUNTA ENGINEERING & SURVEYING, INC.
 208 MAIN STREET
 EVANSTON, WYOMING 82930
 (307) 789-5522

DATE: 09-14-93 JOB #: 93-64-12
 DISK #: 029 FILE: 93-64-12

REVISED: 09-23-93

DRAWN BY: Brent Sanders

SHEET 1 OF 4



A Subsidiary of Union Pacific Corporation

INTER-OFFICE CORRESPONDENCE

TO: Horizontal Twin Creek Drilling Foremen OFFICE:
FROM: W. E. Charles DATE: 06-26-95
SUBJECT: DRILLING PROCEDURE:
WELL: JUDD 34-1H Redrill RICH LATERAL MEASURED DEPTH: 16222'
COUNTY: Summit County, Utah RICH LATERAL VERTICAL DEPTH: 11526'
AFE: 21144 WATTON CANYON LATERAL MEASURED DEPTH: 14906'
DHC: \$ 950 M WATTON CANYON LATERAL VERTICAL DEPTH: 11389'
CWC: \$1050 M GROUND ELEVATION: 7615'
API NO: 43-043-30301 KELLY BUSHING ELEVATION: 7639'

LOCATION: SUBJECT WELL WILL BE REDRILLED AS A DUAL HORIZONTAL WITH LATERALS IN THE WATTON CANYON AND RICH FORMATIONS.

SURFACE: 711' FSL & 552' FWL OF SECTION 34-T2N-R6E
RICH LATERAL BHL: 660' FNL & 1250' FEL OF SECTION 34-T2N-R6E
WATTON CANYON LATERAL BHL: 2100' FSL & 660' FEL OF SECTION 34-T2N-R6E

ANTICIPATED TARGET DEPTHS (RKB TVD)

7-5/8"/7-3/4" CASING IS SET AT 10962' MD OR
10937' TVD/ 47' SOUTH AND 373' EAST OF SURFACE LOCATION

Table with 3 columns: @ 7-3/4" CASING SHOE, @ BHL, and Target/Formation names (Watton Canyon Target, Rich).

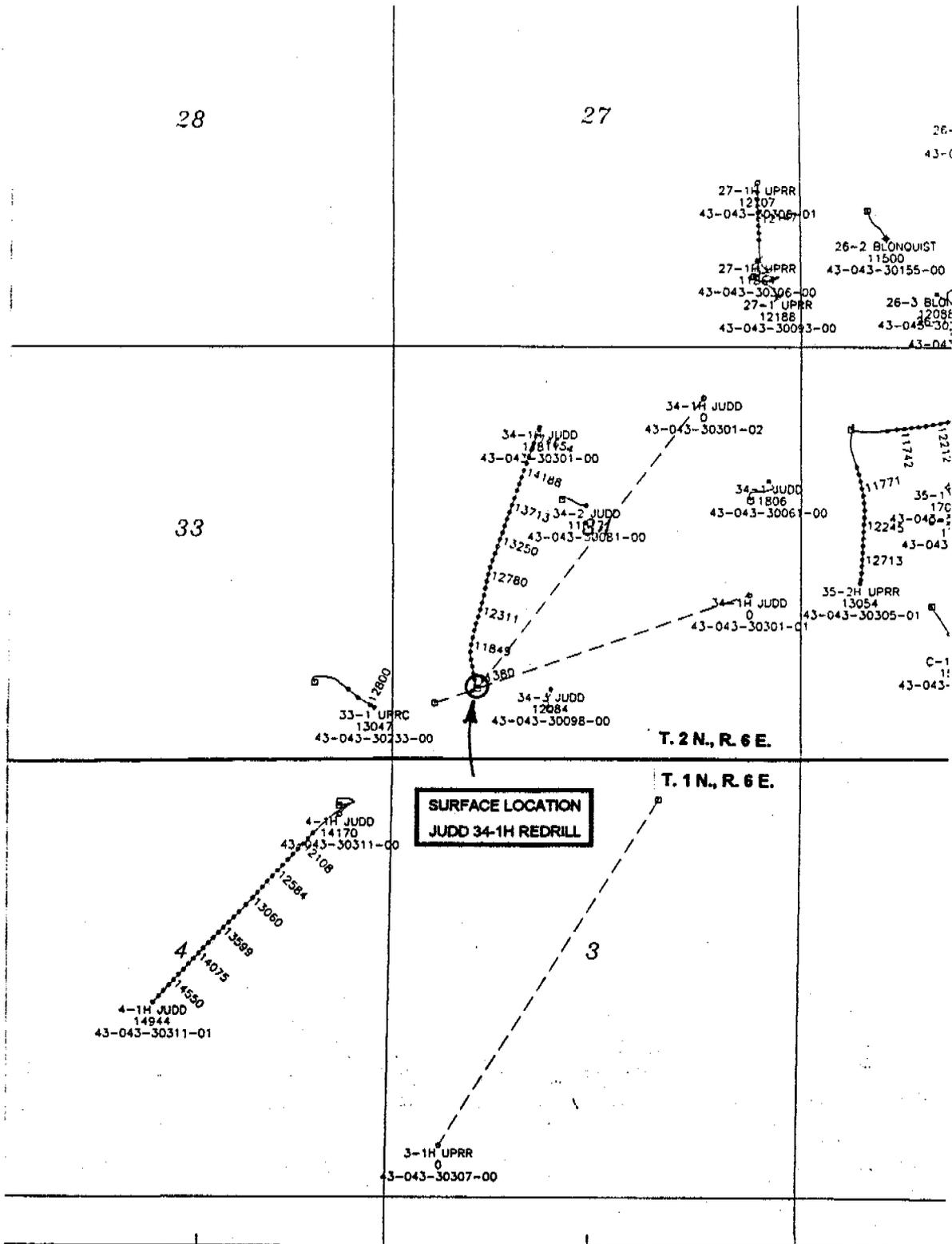
PROPOSED DIRECTIONAL PROGRAM

It is UPRC's intent to reenter the subject well and to redrill the well, first with a horizontal lateral in the Rich formation and then with a horizontal lateral in the lower Watton Canyon bench of the Twin Creek formation. The existing lateral in the Watton Canyon is non-commercial and will be plugged off with cement.

Table comparing RICH LATERAL and WATTON CANYON LATERAL parameters: SIDETRACK POINT (MD), BUILD RATE, TOTAL VERTICAL SECTION, TERMINAL HOLE ANGLE, HOLE DIRECTION.

- (1) Notify Utah Department of Natural Resources ((801) 538-5340) of intent to reenter well. Move in and rig up SST Rig #56. Bleed off any trapped pressure and load hole with water.
- (2) Nipple up BOP's. Test pipe rams, blind rams, choke lines, and manifold to 250 psi & 5000 psi with BOP testing company. Test annular preventer to 250 & 1500 psi. Install a rotating head above the rig's hydril.
- (3) Pick up 4" drillpipe and spear to catch 4-1/2" 11.6 ppf liner. Catch liner and attempt to jar out of hole. If attempt is unsuccessful, trip for internal casing cutter and cut liner at 12000'. Trip for casing spear and jar fish out of hole.
- (4) Run in hole to 12000' MD. Mix and spot 125 sx Class G + sufficient retarder for 3 hours working time. Pull up to casing and circulate out. Estimated TOC is 11500'. Wait on cement 12 hours.
- (5) Run back in hole and tag TOC. Spot a second 150 sack plug with TOC up inside the 7-3/4" casing. Pull out of hole.
- (6) Trip in hole with junk bit. After allowing cement to set for 18 hours, dress off cement plug to 10980' (18' below casing shoe).
- (7) Run in hole with sidetrack motor and 6-1/2" milltooth bit. Orient bit and sidetrack well off cement plug with direction N-38°-E. Build angle at 16°/100'. After building sufficient angle, pull out of the hole.
- (8) Run in hole with performance steerable mud motor and Hycalog DS 71 PDC bit. Drill to programmed TD in the Rich formation.
- (9) Run in hole with sidetrack motor and 6-1/2" milltooth bit. Sidetrack hole at 11100' by holding toolface to right 95°. After establishing sidetrack, start building angle at 17°/100'.
- (10) Run in hole with performance steerable motor and Hycalog DS 71 PDC bit. Drill to programmed TD in the Watton Canyon formation.
- (11) Drilling from casing point to TD will be done using brine. Wiper trips should only be made as needed to keep torque and drag to a minimum. Should lost circulation occur, drill ahead as long as hole conditions allow.
- (12) Once TD is reached, pull out of hole. Pull out of hole and lay down pipe. No 4-1/2" liners will be run!
- (13) Install bullplugged mandrel type tubing hanger in 7-1/16" tubing spool. Lock down hanger; test above hanger and below blind rams to 1500 psi.
- (14) Nipple down BOP's. Install 7-1/16" x 2-7/8" 5000 psi tree. Rig down and load out equipment.

WEC:



LOCATION MAP WITH SURROUNDING WELLS
UPRC JUDD 34-1H REDRILL
SUMMIT COUNTY, UTAH



**WELL PLANNING
REPORT**

U.P.R.C.

JUDD 34-1H REDRILL

**RICH
JUNE 27/1995**

**HERRY-SUN DRILLING SERVICES
WELL PROFILE DATA**

SURFACE LOCATION 711 FSL & 552 FWL SEC. 34-T2N-R6E
RICH LATERAL BHL 660 FNL & 1250 FEL SEC. 34-T2N-R6E
SUMMIT COUNTY, UTAH

**U.P.R.C.
JUDD 34-1H REDRILL**

**RICH
JUNE 27/1995**

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE (FL)	DEPARTURE (FL)	VERTICAL SECTION	DOG LEG	TOOL FACE
10960.00	7.700	117.700	10938.97	46.63 S	373.30 E	193.79		
11000.00	6.792	107.219	10978.65	48.58 S	377.93 E	195.12		
11100.00	5.964	71.342	11078.07	48.66 S	388.51 E	201.57		
11200.00	7.543	39.470	11177.41	41.93 S	397.61 E	212.49		
11208.28	7.700	38.000	11183.61	41.29 S	398.13 E	213.32	4.000	230.405
11238.82	7.700	38.000	11215.88	37.85 S	400.81 E	217.68	0.000	0.000
11250.00	9.488	38.000	11226.93	36.53 S	401.84 E	219.35		
11275.00	13.488	38.000	11251.43	32.61 S	404.90 E	224.33		
11300.00	17.488	38.000	11275.51	27.35 S	409.01 E	231.00		
11325.00	21.488	38.000	11299.08	20.78 S	414.15 E	239.34		
11350.00	25.488	38.000	11322.00	12.93 S	420.28 E	249.30		
11375.00	29.488	38.000	11344.17	3.84 S	427.38 E	260.84		
11400.00	33.488	38.000	11365.49	6.45 N	435.42 E	273.90		
11425.00	37.488	38.000	11385.84	17.89 N	444.36 E	288.41		
11450.00	41.488	38.000	11405.13	30.41 N	454.14 E	304.30		
11475.00	45.488	38.000	11423.26	43.97 N	464.73 E	321.50		
11500.00	49.488	38.000	11440.15	58.49 N	476.07 E	339.93		
11525.00	53.488	38.000	11455.72	73.90 N	488.12 E	359.49		
11550.00	57.488	38.000	11469.88	90.13 N	500.80 E	380.08		
11575.00	61.488	38.000	11482.57	107.10 N	514.05 E	401.62		
11600.00	65.488	38.000	11493.73	124.72 N	527.82 E	423.98		
11625.00	69.488	38.000	11503.30	142.92 N	542.04 E	447.07		
11650.00	73.488	38.000	11511.23	161.59 N	556.63 E	470.77		
11675.00	77.488	38.000	11517.50	180.66 N	571.53 E	494.97		
11700.00	81.488	38.000	11522.06	200.03 N	586.66 E	519.54		
11725.00	85.488	38.000	11524.89	219.60 N	601.95 E	544.38		
11750.00	89.488	38.000	11525.99	239.27 N	617.32 E	569.35		
11753.20	90.000	38.000	11526.00	241.79 N	619.29 E	572.55	16.000	0.000
11800.00	90.000	37.064	11526.00	278.91 N	647.80 E	619.35		
11900.00	90.000	35.064	11526.00	359.74 N	706.67 E	719.28		
11975.12	90.000	33.562	11526.00	421.78 N	749.01 E	794.23	2.000	270.000
12000.00	90.000	33.562	11526.00	442.52 N	762.77 E	819.03		
13000.00	90.000	33.562	11526.00	1275.81 N	1315.60 E	1815.86		
14000.00	90.000	33.562	11526.00	2109.10 N	1868.44 E	2812.69		
15000.00	90.000	33.562	11526.00	2942.40 N	2421.27 E	3809.52		
15994.18	90.000	33.562	11526.00	3770.84 N	2970.89 E	4800.55	0.000	0.000
16000.00	90.000	33.678	11526.00	3775.68 N	2974.11 E	4806.35		
16100.00	90.000	35.678	11526.00	3857.92 N	3031.00 E	4906.17		
16200.00	90.000	37.678	11526.00	3938.11 N	3090.73 E	5006.13		
16222.35	90.000	38.125	11526.00	3955.75 N	3104.46 E	5028.48	2.000	90.000

BERRY-SUN DRILLING SERVICES
WELL PROFILE DATA

SURFACE LOCATION 711 FSL & 552 FWL SEC. 34-T2N-R6E
RICH LATERAL BHL 660 FNL & 1250 FEL SEC. 34-T2N-R6E
SUMMIT COUNTY, UTAH

U.P.R.C.
JUDD 34-1H REDRILL

RICH
JUNE 27/1995

The Dogleg Severity is in Degrees per 100.00 Feet
Vertical Section was calculated along an Azimuth of 38.125° (True)

Based upon Minimum Curvature type calculations. At a Measured Depth of 16222.35 Feet,
the Bottom Hole Displacement is 5028.48 Feet, in the Direction of 38.125° (True)

HERRY-SUN DRILLING SERVICES
WELL PROFILE DATA

SURFACE LOCATION 711 FSL & 552 FWL SEC. 34-T2N-R6E
 RICH LATERAL BHL 660 FNL & 1250 FEL SEC. 34-T2N-R6E
 SUMMIT COUNTY, UTAH

U.P.R.C.
 JUDD 34-1H REDRILL

RICH
 JUNE 27/1995

INTERPOLATIONS

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE (FL)	DEPARTURE (FL)	VERTICAL SECTION
10960.00	7.700	117.700	10938.97	46.63 S	373.30 E	193.79
11206.26	7.700	38.000	11183.61	41.29 S	398.13 E	213.32
11238.82	7.700	38.000	11215.88	37.85 S	400.81 E	217.68
11753.20	90.000	38.000	11526.00	241.80 N	619.29 E	572.55
16222.35	90.000	38.125	11526.00	3955.75 N	3104.46 E	5028.48

TIE-ON/SIDETRACK
 TANGENT TO KICK-OFF
 BUILD 16/100 TO TARGET
 RICH FORMATION ENTRY
 FINAL T.D.

Vertical Section Direction = 38.125° (True)

KOP @ shoe

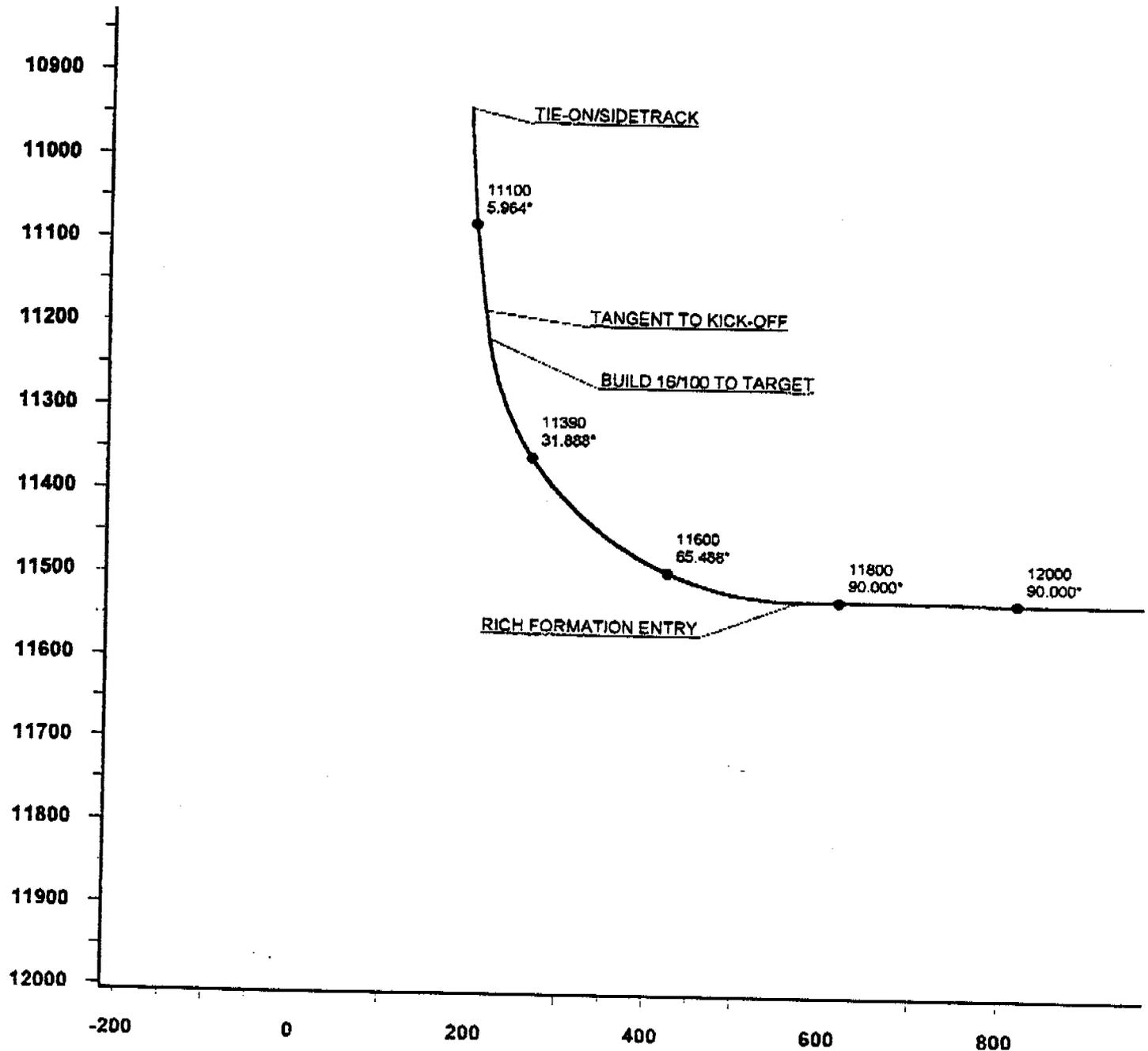
ERRY-SUN DRILLING SERVICES
VERTICAL SECTION

SURFACE LOCATION 711 FSL & 552 FWL SEC. 34-T2N-R6E
RICH LATERAL BHL 860 FNL & 1250 FEL SEC. 34-T2N-R6E
SUMMIT COUNTY, UTAH

U.P.R.C.
JUDD 34-1H REDRILL

RICH
JUNE 27/1995

VERTICAL
DEPTH



VERTICAL SECTION - Direction: 38.125° (True)
Depths shown on plot are Measured Depths.
All measurements are in Feet.

SHERRY-SUN DRILLING SERVICES
HORIZONTAL SECTION

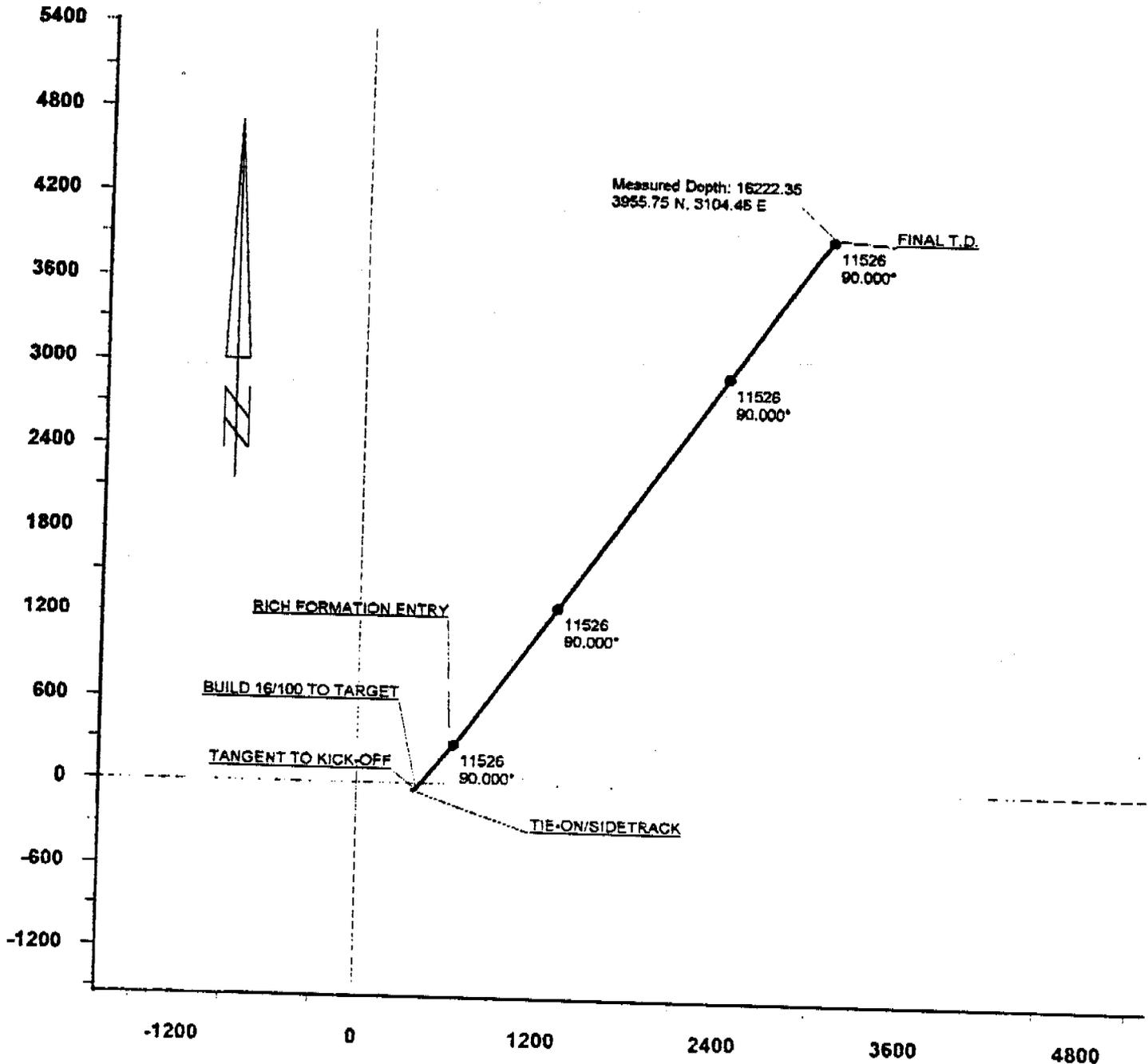
SURFACE LOCATION 711 FSL & 552 FWL SEC. 34-T2N-R6E
RICH LATERAL BHL 660 FNL & 1250 FEL SEC. 34-T2N-R6E
SUMMIT COUNTY, UTAH

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U.P.R.C.
JUDD 34-1H REDRILL

RICH
JUNE 27/1995

LATITUDE
VALUES



DEPARTURE VALUES
Depths shown on plot are Vertical Depths.
All measurements are in Feet.

13036459727 P.08

**WELL PLANNING
REPORT**

U.P.R.C.

JUDD 34-1H REDRILL

**WATTON CANYON
JUNE 27/1995**

SMARRY-SUN DRILLING SERVICES WELL PROFILE DATA

SURFACE LOCATION
711 FSL & 552 FWL OF SEC. 34-T2N-R6E
WATTON CANYON LATERAL BHL
2100 FSL & 660 FEL OF SEC. 34-T2N-R6E
SUMMIT COUNTY, UTAH

U.P.R.C.
JUDD 34-1H REDRILL

WATTON CANYON
JUNE 27/1995

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE (Ft)	DEPARTURE (Ft)	VERTICAL SECTION	DOG LEG	TOOL FACE
10960.00	7.700	117.700	10938.97	46.63 S	373.30 E	331.06		
11000.00	6.792	107.219	10978.65	48.58 S	377.93 E	334.67		
→ 11100.00	5.964	71.343	11078.07	48.66 S	388.51 E	344.50	4.000	230.403
11105.62	5.964	80.000	11083.66	48.52 S	389.07 E	345.07	16.000	94.305
11120.00	5.964	80.000	11097.96	48.26 S	390.54 E	346.54	0.000	0.000
11123.90	5.964	80.000	11101.84	48.19 S	390.94 E	346.94	0.000	0.000
11125.00	6.148	79.658	11102.94	48.17 S	391.06 E	347.05		
11150.00	10.352	75.164	11127.67	47.35 S	394.55 E	350.60		
11175.00	14.582	73.254	11152.08	45.87 S	399.73 E	355.97		
11200.00	18.822	72.191	11176.02	43.73 S	406.59 E	363.14		
11225.00	23.065	71.507	11199.36	40.94 S	415.08 E	372.06		
11250.00	27.310	71.027	11221.98	37.52 S	425.15 E	382.69		
11275.00	31.556	70.667	11243.75	33.49 S	436.75 E	394.96		
11300.00	35.803	70.385	11264.55	28.87 S	449.82 E	408.81		
11325.00	40.051	70.155	11284.26	23.68 S	464.28 E	424.17		
11350.00	44.299	69.963	11302.78	17.96 S	480.05 E	440.95		
11375.00	48.547	69.798	11320.01	11.73 S	497.05 E	459.05		
11400.00	52.796	69.653	11335.85	5.03 S	515.19 E	478.38		
11425.00	57.044	69.524	11350.22	2.11 N	534.36 E	498.84		
11450.00	61.293	69.407	11363.03	9.64 N	554.46 E	520.30		
11475.00	65.542	69.298	11374.21	17.52 N	575.37 E	542.65		
11500.00	69.791	69.197	11383.71	25.71 N	596.99 E	565.77		
11525.00	74.040	69.101	11391.47	34.17 N	619.20 E	589.52		
11550.00	78.289	69.010	11397.45	42.84 N	641.86 E	613.79		
11575.00	82.538	68.921	11401.61	51.69 N	664.87 E	638.44		
11600.00	86.787	68.833	11403.93	60.66 N	688.08 E	663.32		
11620.35	90.246	68.763	11404.46	68.01 N	707.04 E	683.66	17.000	348.708
11700.00	90.257	67.170	11404.11	97.89 N	780.87 E	763.30		
11798.11	90.271	65.208	11403.66	137.50 N	870.62 E	861.31	2.000	270.409
12000.00	90.271	65.208	11402.70	222.16 N	1053.91 E	1062.81		
13000.00	90.271	65.208	11397.97	641.48 N	1961.73 E	2060.87		
14000.00	90.271	65.208	11393.25	1060.80 N	2869.56 E	3058.94		
14728.47	90.271	65.208	11389.80	1386.26 N	3530.88 E	3785.99	0.000	0.000
14800.00	90.261	66.539	11389.47	1395.45 N	3596.19 E	3857.44		
14900.00	90.247	66.638	11389.03	1433.49 N	3688.66 E	3957.41		
14906.23	90.246	68.763	11389.00	1435.75 N	3694.46 E	3963.64	2.000	90.393

PERRY-SUN DRILLING SERVICE
WELL PROFILE DATA

SURFACE LOCATION
711 FSL & 552 FWL OF SEC. 34-T2N-R6E
WATTON CANYON LATERAL BHL
2100 FSL & 660 FEL OF SEC. 34-T2N-R6E
SUMMIT COUNTY, UTAH

U.P.R.C.
JUDD 34-1H REDRILL

WATTON CANYON
JUNE 27/1995

The Dogleg Severity is in Degrees per 100.00 Feet
Vertical Section was calculated along an Azimuth of 68.763° (True)

Based upon Minimum Curvature type calculations. At a Measured Depth of 14906.23 Feet,
the Bottom Hole Displacement is 3963.64 Feet, in the Direction of 68.763° (True)

PERRY-SUN DRILLING SERVICES WELL PROFILE DATA

SURFACE LOCATION
711 FSL & 552 FWL OF SEC. 34-T2N-R6E
WATTON CANYON LATERAL BHL
2100 FSL & 660 FEL OF SEC. 34-T2N-R6E
SUMMIT COUNTY, UTAH

U.P.R.C.
JUDD 34-1H REDRILL

WATTON CANYON
JUNE 27/1995

INTERPOLATIONS

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE (FL)	DEPARTURE (FL)	VERTICAL SECTION
10960.00	7.700	117.700	10938.97	48.63 S	373.30 E	331.06
11100.00	5.964	71.343	11078.07	48.66 S	388.51 E	344.50
11123.90	5.964	79.999	11101.84	48.19 S	390.94 E	346.94
11620.35	90.246	68.763	11404.46	68.01 N	707.04 E	683.67
14906.23	90.246	68.763	11389.00	1435.75 N	3694.46 E	3963.64

TIE-ON
SIDETRACK RIGHT
BUILD 17/100 TO TARGET
WATTON CANYON ENTRY
FINAL T.D.

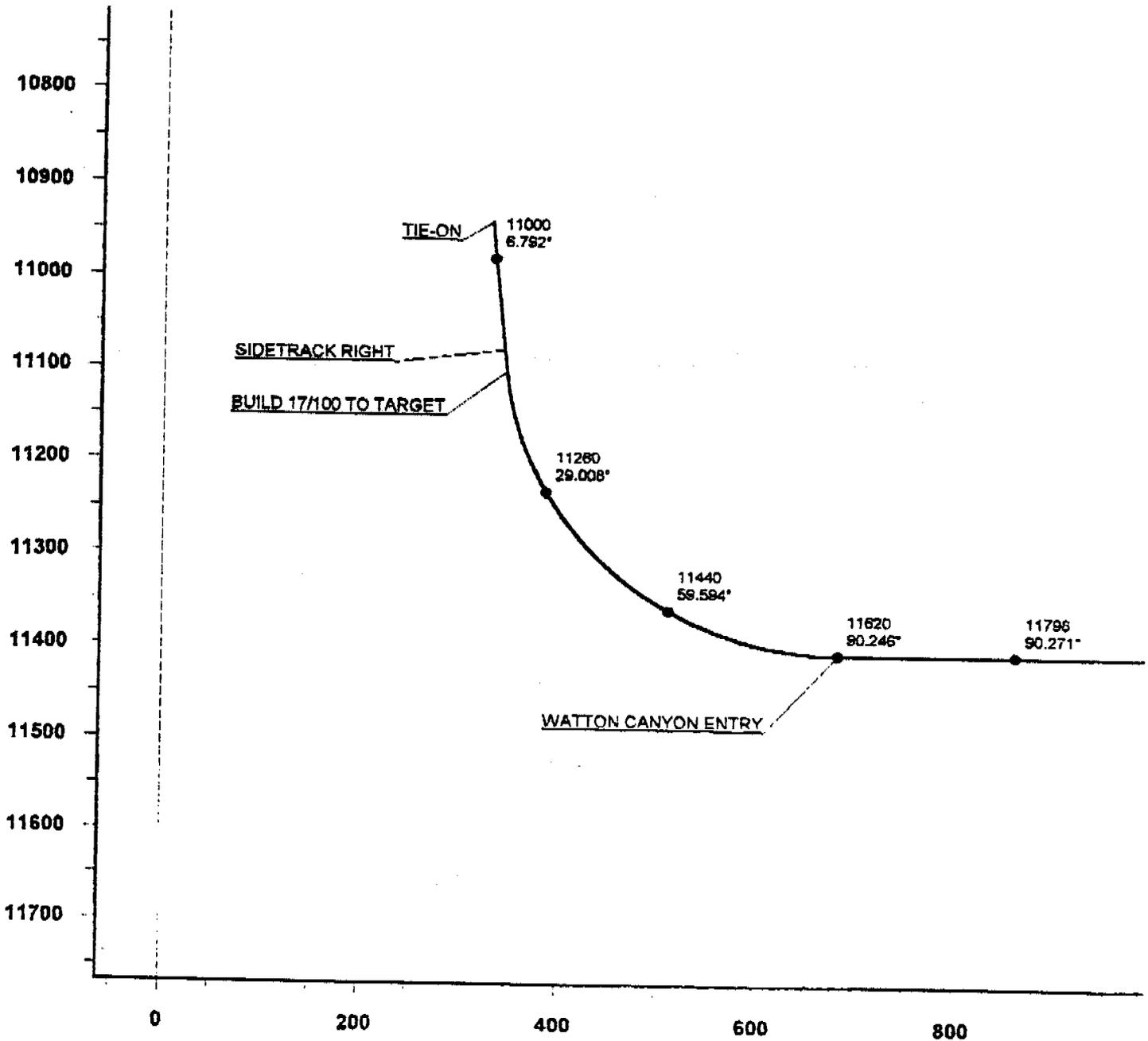
Vertical Section Direction = 68.763° (True)

PERRY-SUN DRILLING SERVICE
VERTICAL SECTION

SURFACE LOCATION
711 FSL & 552 FWL OF SEC. 34-T2N-R6E
WATTON CANYON LATERAL BHL
2100 FSL & 660 FEL OF SEC. 34-T2N-R6E
SUMMIT COUNTY, UTAH

U.P.R.C.
JUDD 34-1H REDRILL

WATTON CANYON
JUNE 27/1995



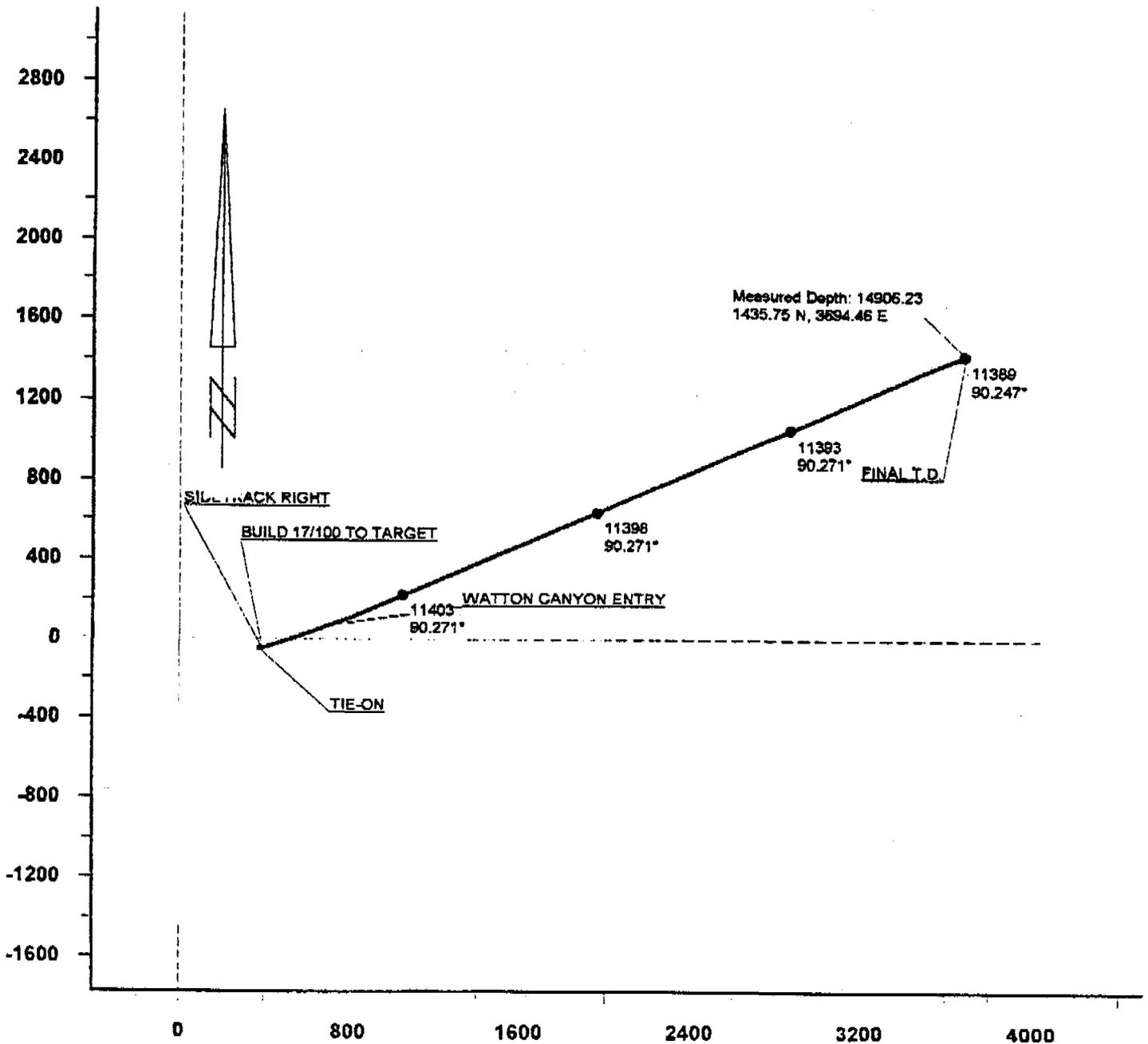
VERTICAL SECTION - Direction: 68.763° (True)
Depths shown on plot are Measured Depths.
All measurements are in Feet.

**PERRY-SUN DRILLING SERVICE
HORIZONTAL SECTION**

**SURFACE LOCATION
711 FSL & 552 FWL OF SEC. 34-T2N-R6E
WATTON CANYON LATERAL BHL
2100 FSL & 680 FEL OF SEC. 34-T2N-R6E
SUMMIT COUNTY, UTAH**

**U.P.R.C.
JUDD 34-1H REDRILL**

**WATTON CANYON
JUNE 27/1995**



DEPARTURE VALUES
Depths shown on plot are Vertical Depths.
All measurements are in Feet.

D:\KICKOFF\WELL-1HT.PRO

DIRECTIONAL SURVEYS

SPERRY-SUN DRILLING SERVICES SURVEY DATA

WD 34-1
UPRC

OF EXISTING HOLE

04-JAN-1994
17:20:53

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
10900.00	8.04	115.70	10879.54	42.94 S	365.96 E	84.81	0.00
10960.00	7.70	117.70	10938.97	46.63 S	373.30 E	83.86	0.73
10983.65	8.10	110.30	10962.40	47.94 S	376.27 E	83.64	4.62
11015.48	8.80	79.90	10993.90	48.29 S	380.77 E	84.85	14.04
11046.03	10.40	62.30	11024.03	46.60 S	385.51 E	88.06	10.88
11076.04	12.90	55.80	11053.42	43.46 S	390.68 E	92.78	9.40
11105.15	16.20	51.00	11081.59	39.08 S	396.53 E	98.90	12.06
11136.84	21.30	46.40	11111.59	32.32 S	404.13 E	107.85	16.74
11166.42	25.30	34.90	11138.77	23.42 S	411.65 E	118.78	20.42
11196.94	27.10	22.40	11166.17	11.64 S	418.03 E	132.04	18.98
11228.74	29.50	10.60	11194.19	2.77 N	422.24 E	147.02	19.11
11259.20	34.50	1.50	11220.03	18.78 N	423.85 E	162.61	22.77
11288.53	39.70	356.20	11243.42	36.45 N	423.44 E	179.08	20.80
11320.18	46.50	351.90	11266.52	57.93 N	421.15 E	198.48	23.39
11349.40	52.10	350.50	11285.57	79.81 N	417.75 E	217.88	19.51
11380.28	56.60	348.90	11303.57	104.49 N	413.26 E	239.53	15.17
11410.63	61.10	351.40	11319.26	130.07 N	408.83 E	262.06	16.42
11442.40	64.30	350.70	11333.83	157.96 N	404.44 E	286.76	10.26
11471.93	67.80	350.10	11345.82	184.56 N	399.93 E	310.22	12.00
11503.63	69.80	348.40	11357.28	213.60 N	394.42 E	335.61	8.05
11533.79	71.70	348.60	11367.22	241.50 N	388.74 E	359.89	6.33
11567.60	74.30	348.60	11377.11	273.19 N	382.35 E	387.49	7.69
11597.96	78.90	347.90	11384.14	302.09 N	376.34 E	412.59	15.32
11628.78	82.00	349.60	11389.26	331.90 N	370.41 E	438.57	11.43
11660.71	86.90	350.00	11392.34	363.17 N	364.79 E	466.03	15.40
11692.00	88.40	351.70	11393.63	394.03 N	359.82 E	493.33	7.24
11723.80	86.60	357.40	11395.01	425.64 N	356.80 E	522.01	18.78
11754.79	86.80	1.90	11396.80	456.57 N	356.61 E	551.01	14.51
11785.68	86.10	5.30	11398.71	487.34 N	358.55 E	580.58	11.22
11817.45	83.70	6.50	11401.54	518.81 N	361.80 E	611.27	8.44
11849.21	83.40	10.60	11405.11	550.01 N	366.49 E	642.19	12.86
11880.85	84.20	13.90	11408.52	580.75 N	373.16 E	673.35	10.67
11912.52	84.20	9.90	11411.72	611.57 N	379.66 E	704.54	12.57
11942.17	84.30	11.40	11414.69	640.56 N	385.11 E	733.65	5.04
11973.87	84.60	11.50	11417.76	671.49 N	391.37 E	764.85	1.00
12004.85	84.70	11.70	11420.65	701.70 N	397.57 E	795.36	0.72
12036.52	84.80	12.80	11423.55	732.52 N	404.27 E	826.61	3.47
12066.20	84.40	12.40	11426.34	761.36 N	410.71 E	855.91	1.90
12097.56	84.80	14.50	11429.29	791.72 N	417.97 E	886.93	6.79
12126.67	84.30	14.50	11432.06	819.78 N	425.23 E	915.77	1.72

SPERRY-SUN DRILLING SERVICES
SURVEY DATADD 34-1
UPRC04-JAN-1994
17:20:53

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
12157.81	85.20	14.80	11434.91	849.78 N	433.07 E	946.65	3.05
12189.41	86.30	15.80	11437.25	880.17 N	441.39 E	978.05	4.70
12218.38	87.20	14.20	11438.89	908.11 N	448.87 E	1006.87	6.33
12249.77	87.40	12.20	11440.37	938.63 N	456.03 E	1038.00	6.40
12279.12	87.10	12.70	11441.78	967.26 N	462.35 E	1067.06	1.99
12310.86	86.80	11.80	11443.47	998.23 N	469.08 E	1098.47	2.99
12342.46	86.00	11.40	11445.45	1029.13 N	475.42 E	1129.66	2.83
12373.71	86.10	14.00	11447.60	1059.54 N	482.27 E	1160.59	8.31
12405.64	87.00	12.00	11449.53	1090.59 N	489.44 E	1192.22	6.86
12436.90	87.80	10.40	11450.94	1121.22 N	495.51 E	1223.08	5.72
12468.78	88.30	9.40	11452.03	1152.61 N	500.98 E	1254.44	3.51
12501.95	88.80	11.70	11452.87	1185.21 N	507.06 E	1287.15	7.09
12533.57	88.30	10.30	11453.67	1216.23 N	513.09 E	1318.37	4.70
12565.15	88.30	9.30	11454.61	1247.34 N	518.46 E	1349.44	3.17
12596.82	88.30	8.40	11455.55	1278.62 N	523.33 E	1380.50	2.84
12626.62	88.40	10.60	11456.40	1308.00 N	528.25 E	1409.78	7.39
12658.17	88.30	10.50	11457.31	1339.00 N	534.02 E	1440.89	0.45
12688.87	88.40	10.10	11458.19	1369.19 N	539.51 E	1471.14	1.34
12719.85	88.30	11.60	11459.09	1399.60 N	545.33 E	1501.71	4.85
12748.50	88.10	11.90	11459.99	1427.64 N	551.17 E	1530.05	1.26
12780.14	87.70	12.70	11461.15	1458.53 N	557.90 E	1561.39	2.83
12811.86	87.70	13.40	11462.42	1489.41 N	565.06 E	1592.85	2.21
12842.95	88.10	14.30	11463.56	1519.57 N	572.50 E	1623.74	3.17
12873.32	87.70	16.00	11464.67	1548.87 N	580.43 E	1653.98	5.75
12904.42	87.70	17.70	11465.92	1578.61 N	589.44 E	1685.00	5.46
12935.72	87.90	18.70	11467.12	1608.32 N	599.20 E	1716.27	3.26
12967.34	88.10	19.20	11468.22	1638.21 N	609.47 E	1747.86	1.70
12999.00	88.30	18.80	11469.22	1668.13 N	619.77 E	1779.50	1.41
13030.62	88.20	18.60	11470.18	1698.06 N	629.90 E	1811.10	0.71
13062.25	86.90	19.20	11471.54	1727.96 N	640.14 E	1842.69	4.53
13092.95	86.20	17.80	11473.39	1757.02 N	649.86 E	1873.32	5.09
13124.79	86.20	18.50	11475.49	1787.21 N	659.76 E	1905.08	2.19
13156.07	86.00	19.30	11477.62	1816.73 N	669.86 E	1936.28	2.63
13186.42	86.10	18.40	11479.71	1845.39 N	679.65 E	1966.55	2.98
13217.73	86.20	18.50	11481.82	1875.02 N	689.53 E	1997.78	0.45
13249.73	86.20	18.60	11483.94	1905.29 N	699.69 E	2029.70	0.31
13279.14	86.30	18.50	11485.86	1933.11 N	709.03 E	2059.03	0.48
13310.60	86.70	19.50	11487.78	1962.80 N	719.25 E	2090.43	3.42
13342.75	86.20	18.30	11489.77	1993.16 N	729.64 E	2122.51	4.04
13373.81	85.10	18.10	11492.13	2022.58 N	739.32 E	2153.47	3.60

SPERRY-SUN DRILLING SERVICES
SURVEY DATADD 34-1
UPRC04-JAN-1994
17:20:53

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
13403.84	84.70	17.90	11494.80	2051.03 N	748.56 E	2183.36	1.49
13435.52	84.00	17.30	11497.92	2081.08 N	758.09 E	2214.86	2.90
13464.44	83.90	17.20	11500.96	2108.55 N	766.62 E	2243.58	0.49
13496.01	83.40	17.30	11504.45	2138.51 N	775.93 E	2274.92	1.61
13526.75	83.60	18.10	11507.93	2167.61 N	785.21 E	2305.44	2.67
13556.09	83.90	17.90	11511.13	2195.34 N	794.22 E	2334.59	1.23
13587.40	83.10	19.90	11514.67	2224.77 N	804.30 E	2365.69	6.84
13618.70	83.10	20.00	11518.43	2253.98 N	814.90 E	2396.76	0.32
13649.79	83.00	18.90	11522.20	2283.08 N	825.18 E	2427.62	3.53
13681.14	83.10	17.50	11525.99	2312.64 N	834.90 E	2458.73	4.44
13712.82	83.20	19.40	11529.77	2342.48 N	844.85 E	2490.17	5.96
13744.82	83.60	20.60	11533.45	2372.35 N	855.72 E	2521.96	3.93
13776.26	83.80	19.40	11536.90	2401.72 N	866.41 E	2553.21	3.85
13807.91	83.70	18.20	11540.34	2431.50 N	876.55 E	2584.66	3.78
13848.78	84.90	17.90	11544.40	2470.16 N	889.15 E	2625.30	3.03
13880.34	85.60	18.30	11547.02	2500.06 N	898.92 E	2656.74	2.55
13911.98	86.20	18.20	11549.28	2530.03 N	908.81 E	2688.28	1.92
13942.96	86.90	18.00	11551.14	2559.42 N	918.41 E	2719.19	2.35
13972.18	87.60	18.60	11552.54	2587.13 N	927.58 E	2748.36	3.15
14001.50	87.70	18.00	11553.75	2614.95 N	936.78 E	2777.64	2.07
14032.80	88.00	18.90	11554.92	2644.62 N	946.67 E	2808.91	3.03
14064.47	88.20	17.90	11555.97	2674.65 N	956.67 E	2840.55	3.22
14095.07	87.80	18.40	11557.04	2703.71 N	966.19 E	2871.11	2.09
14126.71	87.70	18.00	11558.28	2733.75 N	976.07 E	2902.71	1.30
14155.96	87.80	19.30	11559.43	2761.44 N	985.41 E	2931.93	4.45
14187.94	88.20	19.40	11560.55	2791.59 N	996.00 E	2963.89	1.29
14219.69	88.20	19.60	11561.54	2821.51 N	1006.60 E	2995.62	0.63
14251.12	88.20	19.30	11562.53	2851.13 N	1017.06 E	3027.04	0.95
14282.37	88.50	18.90	11563.43	2880.64 N	1027.28 E	3058.27	1.60
14314.01	88.20	19.30	11564.34	2910.53 N	1037.63 E	3089.89	1.58
14345.34	88.60	18.60	11565.21	2940.15 N	1047.80 E	3121.21	2.57
14376.85	89.00	19.50	11565.88	2969.93 N	1058.08 E	3152.70	3.13
14407.08	89.10	19.10	11566.38	2998.46 N	1068.07 E	3182.93	1.36
14438.73	89.10	20.70	11566.87	3028.21 N	1078.84 E	3214.57	5.05
14467.47	90.10	19.10	11567.07	3055.23 N	1088.62 E	3243.31	6.56
14499.12	91.20	18.90	11566.71	3085.16 N	1098.93 E	3274.95	3.53
14530.66	91.70	18.70	11565.92	3115.00 N	1109.09 E	3306.48	1.71
14561.66	92.20	18.90	11564.86	3144.33 N	1119.07 E	3337.45	1.74
14592.61	92.00	20.90	11563.73	3173.41 N	1129.60 E	3368.38	6.49
14623.89	92.50	19.50	11562.50	3202.75 N	1140.39 E	3399.63	4.75

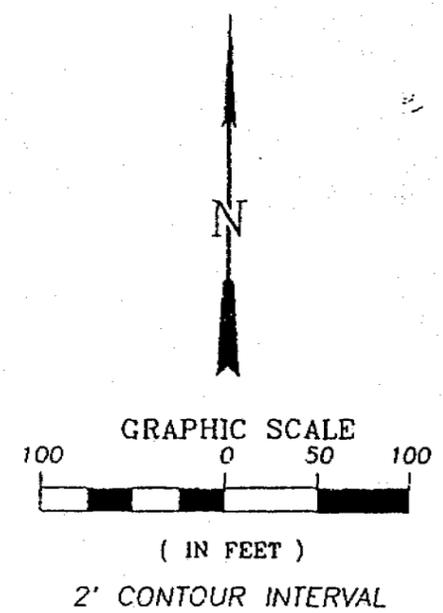
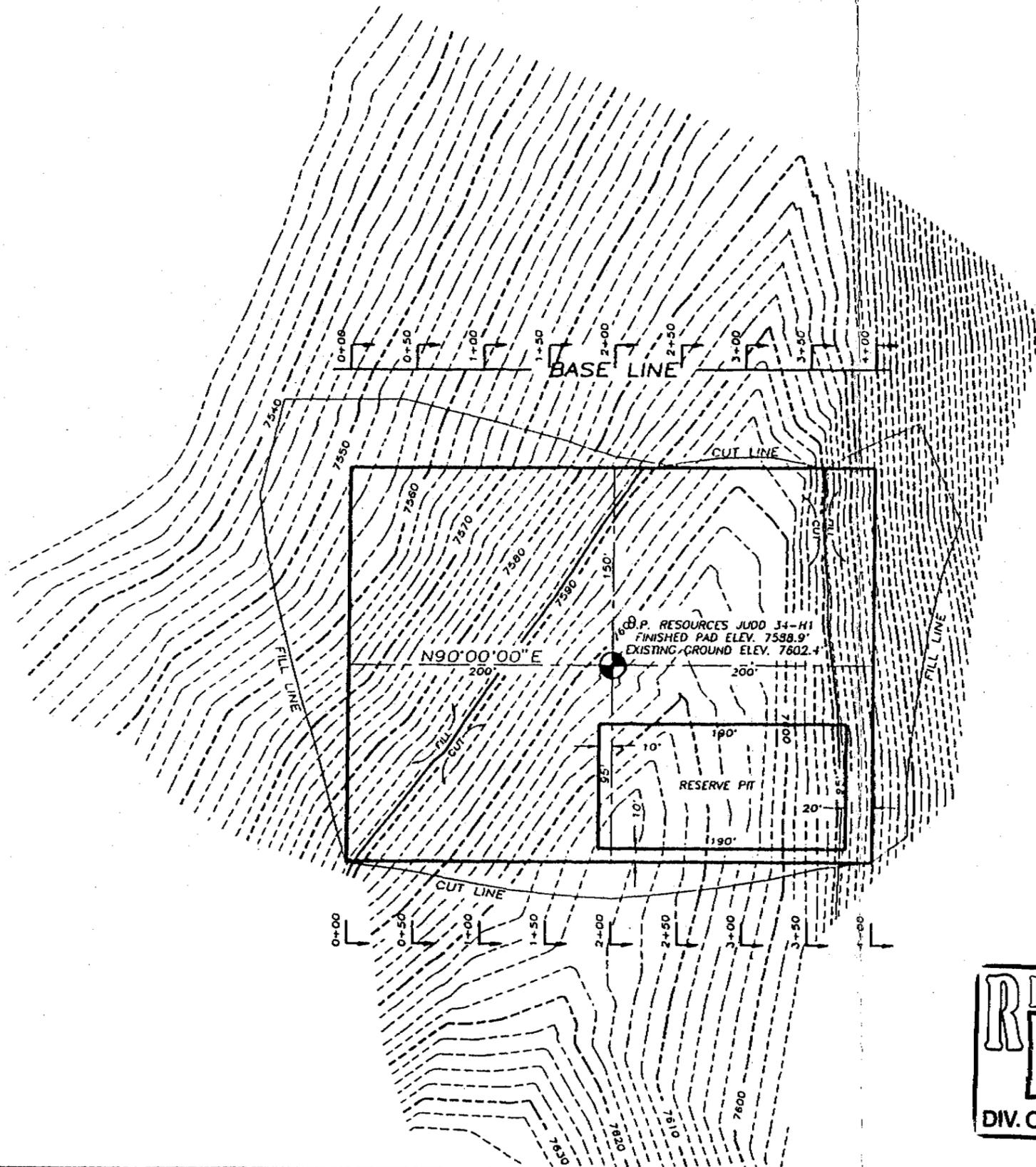
SPERRY-SUN DRILLING SERVICES
SURVEY DATADD 34-1
JPRC04-JAN-1994
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MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
14654.20	91.40	20.50	11561.47	3231.21 N	1150.75 E	3429.93	4.90
14684.08	91.80	19.80	11560.64	3259.25 N	1161.04 E	3459.79	2.70
14715.41	92.30	18.90	11559.51	3288.79 N	1171.41 E	3491.10	3.28
14744.92	92.50	20.20	11558.28	3316.58 N	1181.28 E	3520.58	4.45
14776.79	93.40	20.20	11556.64	3346.45 N	1192.27 E	3552.41	2.82
14811.79	93.40	20.20	11554.56	3379.24 N	1204.33 E	3587.35	0.00

THE DOGLEG SEVERITY IS IN DEGREES PER 100 FEET
THE VERTICAL SECTION WAS COMPUTED ALONG 20.00°

BASED UPON MINIMUM CURVATURE TYPE CALCULATIONS. THE BOTTOM HOLE
DISPLACEMENT IS 3587.43 FEET IN THE DIRECTION OF 19.62°
COORDINATE VALUES ARE GIVEN RELATIVE TO THE PLATFORM REFERENCE POINT
VERTICAL SECTION IS GIVEN RELATIVE TO THE WELLHEAD LOCATION

SECTION LINE



BASIS OF ELEVATION
 ELEVATIONS BASED ON U.S.G.S. QUADRANGLE - CRANDALL CANYON, UTAH. SPOT ELEVATION 7666.0' IN THE NW1/4 NE1/4 SECTION 34, T2N, R6E, SLB&M
 FINISHED PAD ELEVATION TO BE 7588.9'

QUANTITIES
 EXCAVATION = 37,111 C.Y. } THESE QUANTITIES DO NOT INCLUDE
 EMBANKMENT = 33,901 C.Y. } EXCAVATION FOR TOPSOIL OR SHRINK OR SWELL FACTORS
 TOPSOIL IN CUT AREA = 1,468 C.Y.
 TOPSOIL IN FILL AREA = 1,540 C.Y.

RESERVE PIT CAPACITY = 5,715 C.Y. = 27,500 BBLs.
 (NOT INCLUDED IN ABOVE EXC. QUANTITY)

SURVEYED UNDER MY SUPERVISION ON
 SEPTEMBER 8, 1993

John A. Proffit
 JOHN A. PROFFIT PLS. 2860
 9/23/93

U.P. RESOURCES
 JUDD 34-1H WELL
 711' FSL 552 FWL
 SW 1/4 SW 1/4 SECTION 34
 T 2 N, R 6 E, SLB&M
 SUMMIT COUNTY, UTAH

UINTA ENGINEERING & SURVEYING, INC.
 808 MAIN STREET
 EVANSTON, WYOMING 82930
 (307) 789-5522

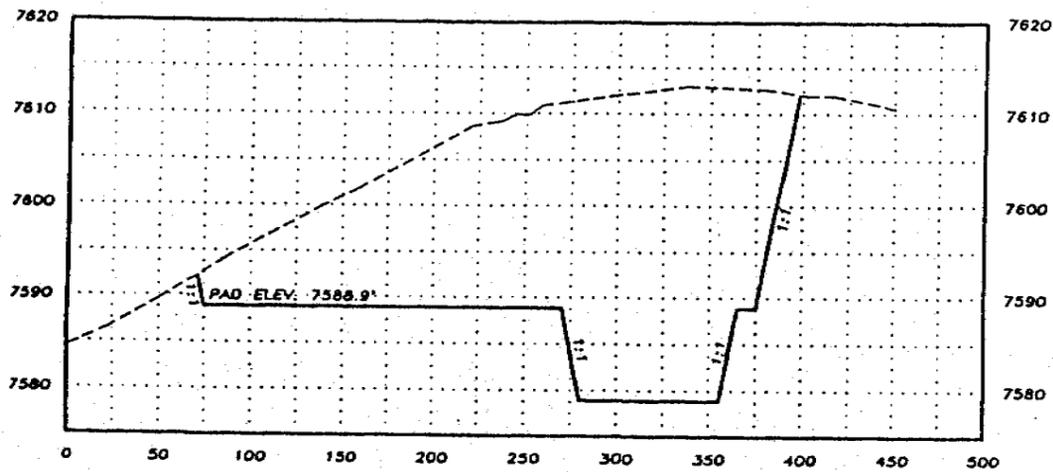
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RECEIVED
 JUN 29 1995
 DIV. OF OIL, GAS & MINING

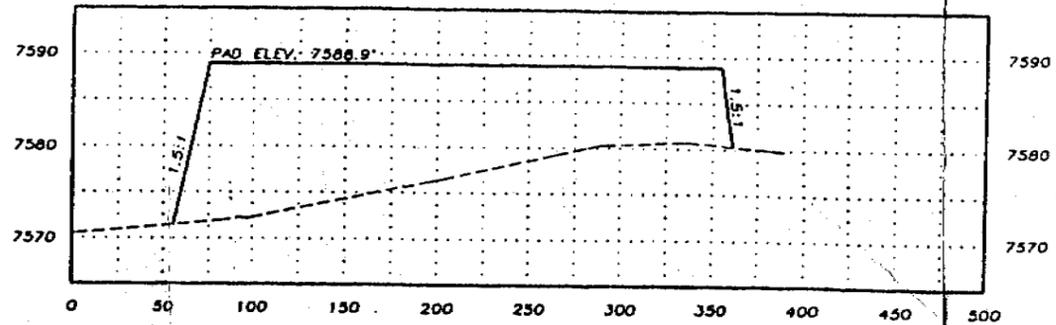
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DRAWN BY: Brent Sanders SHEET 2 OF 4

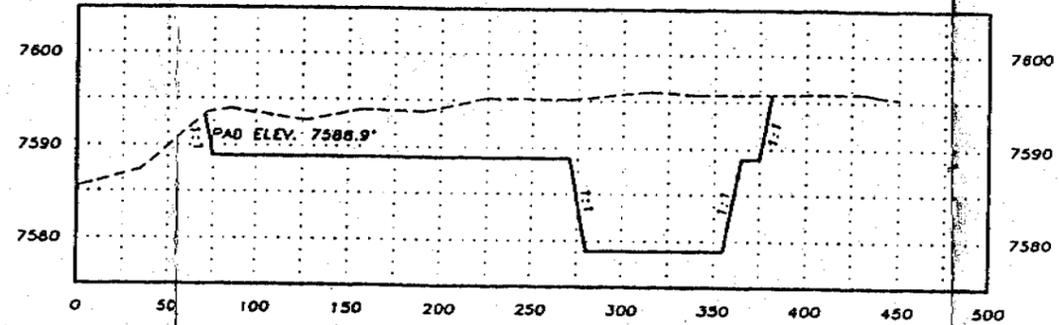
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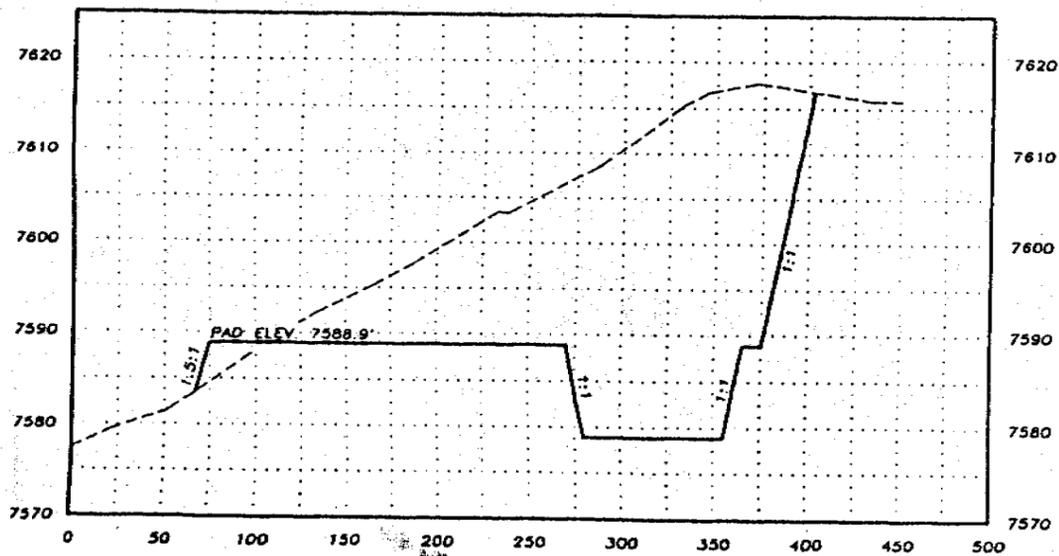
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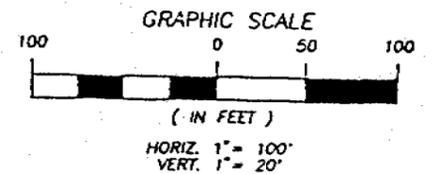
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STATION 3+00



RECEIVED
 JUN 29 1995
 DIV. OF OIL, GAS & MINING



U.P. RESOURCES
 JUDD 34-1H WELL
 711' FSL 552 FWL
 SW 1/4 SW 1/4 SECTION 34
 T 2 N, R 6 E, SLB&M
 SUMMIT COUNTY, UTAH

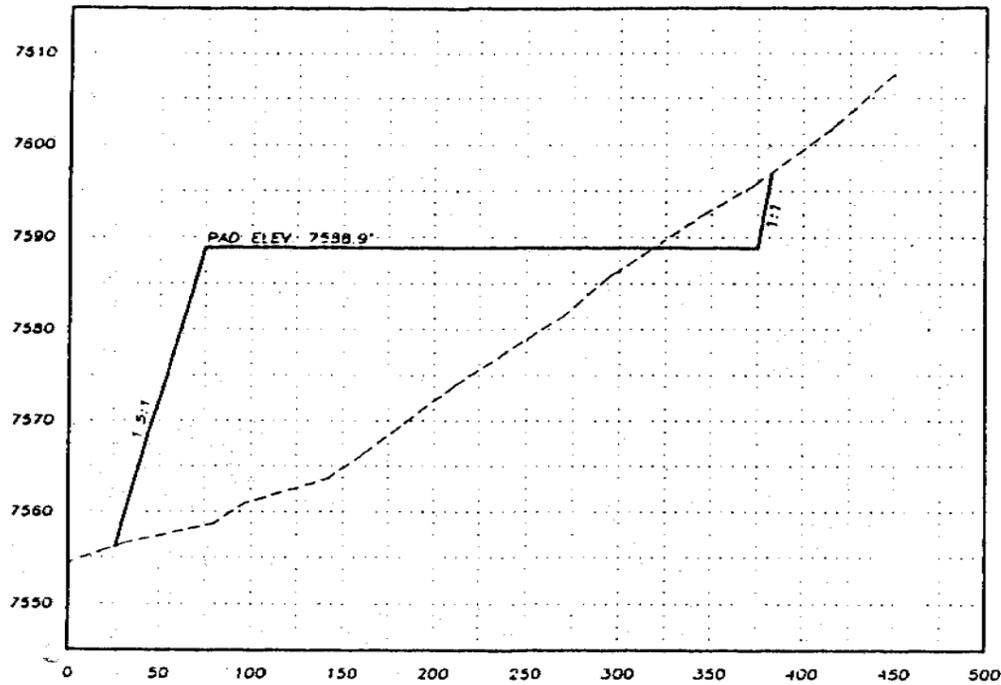
UINTA ENGINEERING & SURVEYING, INC.
 808 MAIN STREET
 EVANSTON, WYOMING 82930
 (307) 789-5522

DATE: 09-14-93 JOB #: 93-64-12
 DSK #: 089 FILE: 93-64-12

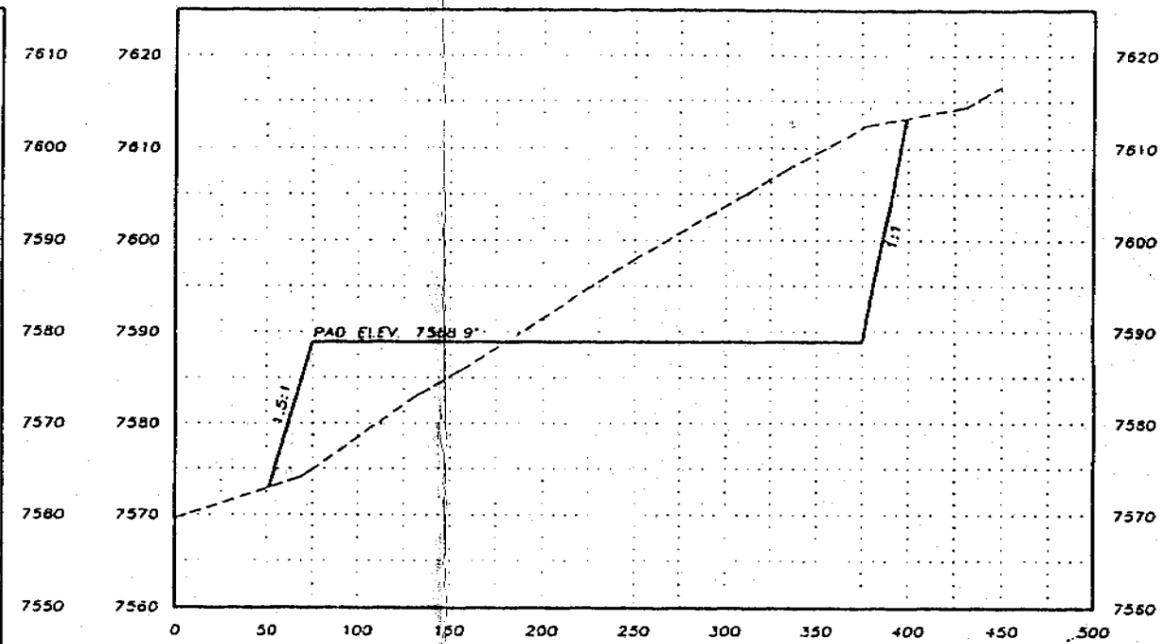
REVISED: 09-23-93

DRAWN BY: Brent Sanders SHEET 4 OF 4

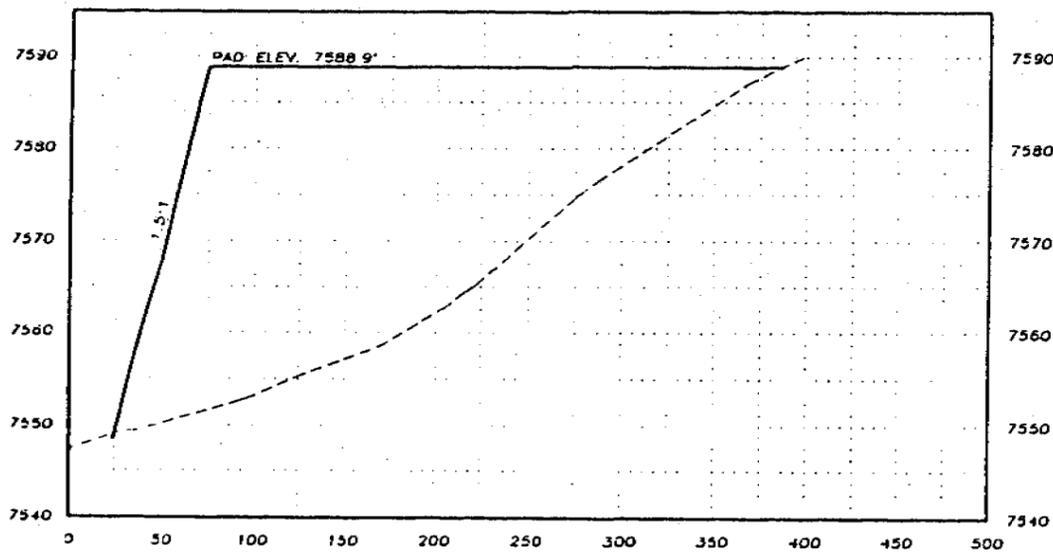
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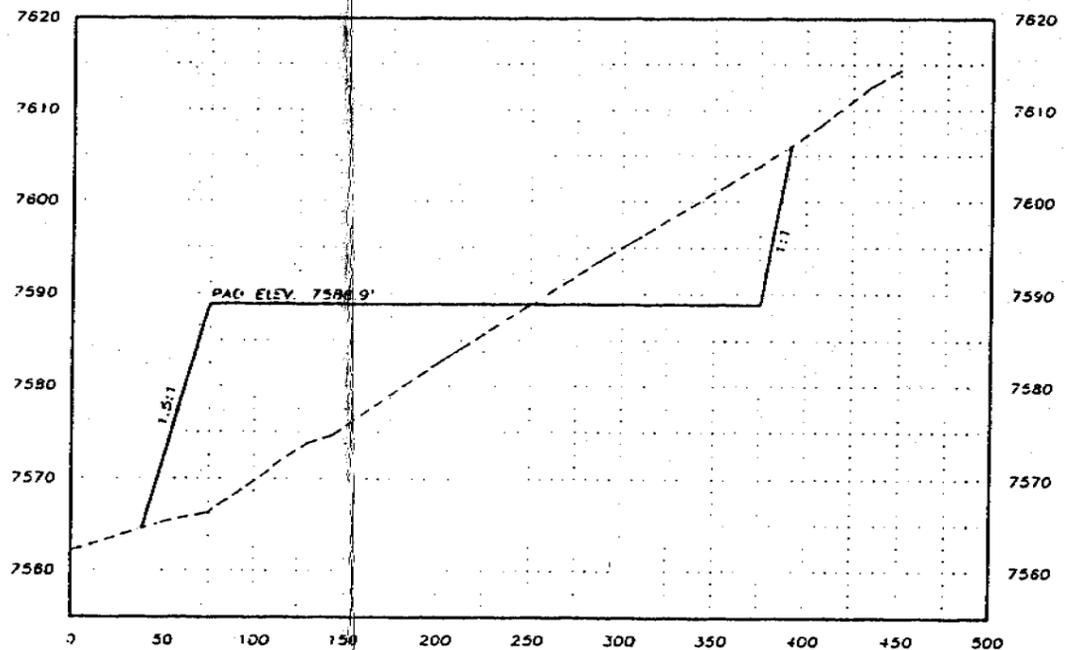
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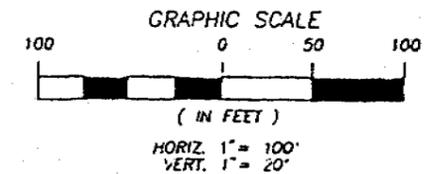
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STATION 1+00



RECEIVED
 JUN 29 1995
 DIV. OF OIL, GAS & MINING



U.P. RESOURCES
 JUDD 34-1H WELL
 711' FSL 552 FWL
 SW 1/4 SW 1/4 SECTION 34
 T 2 N, R 6 E, SLB&M
 SUMMIT COUNTY, UTAH

UINTA ENGINEERING & SURVEYING, INC.
 808 MAIN STREET
 EVANSTON, WYOMING 82930
 (307) 789-5522

DATE: 09-14-93 JOB #: 93-64-12
 DISK #: 089 FILE: 93-64-12

REVISED: 09-23-93

DRAWN BY: Brent Sanders SHEET 3 OF 4

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/29/95

API NO. ASSIGNED: 43-043-30301

WELL NAME: JUDD ³⁴~~43~~-1H (RE-ENTRY)
OPERATOR: UNION PACIFIC RESOURCES (N9465)

PROPOSED LOCATION:
SWSW 34 - T02N - R06E
SURFACE: 0711-FSL-0552-FWL
BOTTOM: 2100-FSL-0660-FEL
SUMMIT COUNTY
LODGEPOLE FIELD (525)

INSPECT LOCATION BY: 06/30/95

TECH REVIEW	Initials	Date
Engineering	JAM	6/30/95
Geology	MB	6/30/95
Surface	MA	6/30/95

LEASE TYPE: FEE
LEASE NUMBER:

PROPOSED PRODUCING FORMATION: TWNCR

RECEIVED AND/OR REVIEWED:

Y Plat
Y Bond: Federal[] State[] Fee
(Number _____)
N Potash (Y/N)
N Oil shale (Y/N)
Y Water permit
(Number _____)
N RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

___ R649-2-3. Unit: _____
___ R649-3-2. General.
___ R649-3-3. Exception.
 Drilling Unit.
Board Cause no: 167-2
Date: FEBRUARY 4, 1979

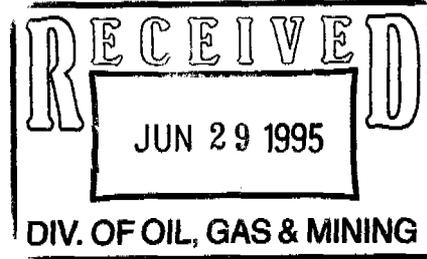
COMMENTS:

STIPULATIONS: 1. A PIT LINES OF 12 MIL THICKNESS IS
REQUIRED

(RE-ENTRY)

CONFIDENTIAL
PERIOD
EXPIRES
ON 9-30-96

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING (DOG M)
ON-SITE PRE-DRILL EVALUATION AND REVIEW



OPERATOR: Union Pacific Resources Company (UPRC)

WELL NO: Judd 34-1H Redrill

LEASE NO. JUDD (Fee)

API NO: 43-0043-30301

LEASE TYPE: STATE ___ FEE X ___

PROPOSED LOCATION:

CONFIDENTIAL

SURFACE:

SURFACE: SWSW Sec. 34, T. 2 N., R. 6 E., SLM (711' FSL, 552' FWL Sec. 34)

BOTTOM HOLE:

BOTTOM HOLE: Watton Canyon Formation: 2100' FSL, 660' FEL Sec. 34, T. 2 N., R. 6 E., SLM

Rich Formation: 660' FNL, 1250' FEL Sec. 34, T. 2 N., R. 6 E., SLM

COUNTY: Summit

FIELD: CODE/NAME: Lodgepole

GPS COORDINATES: _____ N _____ S

SURFACE OWNER: Judd Ranch _____ **SURFACE AGREEMENT (Y/N):** Yes ___

LOCATION AND SITING:

_____ Plat _____ R649-2-3. Unit: _____

_____ Bond Sta _____ Fee _____ R649-3-2 General

_____ Number _____ R649-6-6. Exception

_____ OIL SHALE (Y/N) _____ UCA 40-6-6 Drilling Unit

_____ WATER PERMIT _____

Date: _____

_____ RCDD REVIEW _____

The UPRC Judd 34-1H Redrill program consists of re-entering the existing Judd 34-1H wellbore located in Section 34, T. 2 N., R. 6 E., Summit County, Utah. UPRC will attempt to recover the 4-1/2" liner presently in-place in the well at 10806' MD. A cement plug will be placed in the existing well bore and dressed to TOC at 10980' MD. UPRC will then attempt to drill, complete and test two separate horizontal laterals, one in the Watton Canyon Member of the Twin Creek Formation and the other in the Rich Formation. Proposed bottom-hole location for the Watton Canyon lateral is 2100' FSL, 660' FEL Section 34, T. 2 N., R. 6 E. Proposed bottom hole location for the Rich lateral is 660' FNL, 1250' FEL Section 34, T. 2 N., R. 6 E. Open-hole completions will be attempted in each of the laterals.

ARCHEOLOGICAL AND PALEONTOLOGY SURVEY RECEIVED: (Y/N) _____

SITE PROBLEMS:

The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the Regulatory Department of Union Pacific Resources Company who will in turn notify the State Historic Preservation Officer.

Within five working days, the State Historic Preservation Officer will determine:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
- a time frame for the State Historic Preservation Officer to determine if the findings are correct and that mitigation is appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the State Historic Preservation Officer will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The State Historic Preservation Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the State Historic Preservation Officer that the required mitigation has been completed, the operator will then be allowed to resume construction.

Onsite Participants:

Regional setting/Topography:

The UPRC Judd 34-1H Redrill is located in the rolling to rugged mountainous terrain n of the Utah-Wyoming Overthrust Belt and is situated approximately 8 miles southeast of Coalville, Utah.

DRILLING PROGRAM:

1. Surface Formation and Estimated Tops/Geologic Markers

Surface formation in the vicinity of the Judd 34-1H Redrill is the Cretaceous-Tertiary Evanston Formation composed of interbedded sandy shale and low grade coal seams.

Geologic tops in the existing Judd 34-1H are: Stump - 8726' MD; Pruess - 9012' MD; Twin Creek - 10440' MD; and Watton Canyon Formation - 11272' MD

2. Estimated Depths of Anticipated Water, Oil, Gas or other Mineral Bearing Zones

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil/Gas	Watton Canyon	14906' MD
Oil/Gas	Rich	16222' MD
Water	Surface casing already in place	
Other	NA	

3. **Well Control Equipment & Testing Procedures**
See Attached Drilling Plan

4. **Proposed Casing and Cementing Program**
See Attached Drilling Plan

5. **Mud Program and Circulating Medium - include mud components and weights, when drilling with air also included length and location of blooie line**
See Attached Drilling Plan

6. **Coring, Logging, and Testing Program**
See Attached Drilling Plan

7. **Abnormal Conditions, Bottom Hole Pressures and Potential Hazards, also list anticipated lost circulations zones, abnormal temperature zones and possible hydrogen sulphide bearing zones**
See Attached Drilling Plan

SURFACE USE PLAN:

Current Surface Use: Current surface use in the area is the existing well pad for the UPRC Judd 34-1H.

Proposed Surface Disturbance:

1. **Existing Roads - Existing roads will be used to access the location**

2. **Planned Access Roads - No new access roads are planned for the location**

3. **Location of existing wells within one-mile radius of proposed location, include**

water, injection, producing, drilling with present status of each well

See Attached Plat for location of all wells within a one-mile radius of the UPRC Judd 34-1H Redrill.

4. Location of Production Facilities and Pipelines

The pipeline for production from the existing Judd 34-1H well runs north to the Judd tank battery, then east to the Lodgepole tank battery, northeast to the Elkhorn tank battery and eventually to the UPRC's Pineview gas plant.

5. Location and Type of Water Supply (include Division of Water Rights approval or identifying number)

Water for the Judd 34-1H Redrill will be purchased from landowner. A water purchase agreement is already in place.

6. Source of Construction Material

Construction material used in readying the location for the re-entry will be native material.

7. Waste Management Plan

The reserve pit will be unlined and will be built at the location indicated on the plat of the site (See Attachments Section). Pit walls will be sloped no greater than 1 to 1. The reserve pit shall be located in cut material, with at least 50% of the pit volume being below original ground level. Three sides of the reserve pit will be fenced prior to drilling. The fourth side will be fenced as soon as drilling is completed and fencing will remain until the pit is dry. As soon as the reserve pit has dried, all areas not needed for production will be rehabilitated.

Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than the completion of drilling operations.

8. Ancillary Facilities - None anticipated at this time

9. Well Site Layout

See Attached Certified Survey Plats

All wells, whether drilling, producing, suspended, or abandoned, will be identified in accordance with the provisions of Utah Code Ann. 40-6-1 Et Seq., (1953 as amended) and Utah Code Ann. 40-9-1Et Seq., (1977 as amended), Oil and Gas Conservation General Rules (revised February 1991).

10. Surface Restoration Plans

Immediately upon completion of drilling, all equipment that is not necessary for production shall be removed.

The reserve pit and that portion of the location not needed for production will be reclaimed.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry.

All road surfacing will be removed prior to the rehabilitation of roads.

Reclaimed roads will have the berms and cuts reduced and will be closed to vehicle use.

All disturbed areas will be recontoured as close as possible to the original slope.

ENVIRONMENTAL PARAMETERS:

Affected Floodplain and/or Wetlands:

Is a 404 dredge and fill permit required? (Any activity which will change the bottom elevation of the "waters of the United States" including wetlands, natural and artificially created waters, and even some drainages may require a permit from the Army Corps of Engineers)

Flora/Fauna

Briefly describe the flora found on the proposed site and the fauna evidenced or sighted on or near the proposed location

SURFACE GEOLOGY

Surface Formation and Characteristics: The surface in the area of the UPRC Judd 34-1H Redrill is made up of the Cretaceous-Tertiary Evanston Formation which consists of interbedded sandy shale and low-grade coal seams.

Erosion/Sedimentation/Stability

Paleontological Potential Observed:

RESERVE PIT

Characteristics

The dimensions of the reserve pit are 95' wide by 190' long by 10' deep. The sides of the it will be sloped no greater than 1 to 1. The pit will be located in cut material with at least 50% of the pit volume below ground level.

Lining (Site ranking form attached):

A lining for the pit is not anticipated at this time.

OTHER OBSERVATIONS

Cultural Resources/Archaeology (if proposed location is on State land, has an archaeology clearance been obtained?):

Comments:

DOGGM Representative

Date and Time



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

June 30, 1995

Union Pacific Resources Company
P.O. Box 7 MS 3006
Fort Worth, Texas 76101-0007

Re: Judd 34-1H Well, Surface Location 711' FSL, 552' FWL, Bottom Hole Location
Watton Canyon: 2100' FSL, 660' FEL, Bottom Hole Location Rich: 660' FNL,
1250' FEL, SW SW, Sec. 34, T. 2 N., R. 6 E., Summit County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to reenter and drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-043-30301.

Sincerely,

R. J. Erith
Associate Director

ldc

Enclosures

cc: Summit County Assessor

Bureau of Land Management, Salt Lake District Office

WAPD

Operator: Union Pacific Resources Company

Well Name & Number: Judd 34-1H

API Number: 43-043-30301

Lease: Fee

Location: SW SW Sec. 34 T. 2 N. R. 6 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. A reserve pit liner of at least 12 mil thickness will be required.

5. In accordance with Utah Admin. R. 649-3-11, Directional Drilling, submittal of a complete angular deviation and directional survey report is required.

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: UPRC

Well Name: JUDD 34-1H RE-ENTRY

Api No. 43-043-30301

Section 34 Township 2N Range 6E County SUMMIT

Drilling Contractor SST

Rig # 56

SPUDDED: Date 7/7/95

Time _____

How ROTARY

Drilling will commence _____

Reported by _____

Telephone # _____

Date: 7/27/95 Signed: JLT

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

1. Type of Well: OIL () GAS (X) OTHER: _____

2. Name of Operator
Union Pacific Resources Company

3. Address and Telephone Number
P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

5. Lease Designation and Serial No.
Fee

6. If Indian, Allottee or Tribe Name
NA

7. Unit Agreement Name
NA

8. Well Name and Number
Judd 34-1H Redrill

9. API Well Number
43-043-30301

10. Field and Pool, or Wildcat
Lodgepole

4. Location of Well
Footage 711' FSL, 552' FWL Section 34, T. 2 N., R. 6 E.,
County Summit
QQ, Sec., T., R., M.
State Utah

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

() Abandonment () New Construction
() Casing Repair () Pull or Alter Casing
() Change of Plans () Recompletion
() Conversion to Injection () Shoot or Acidize
() Fracture Test () Vent or Flare
() Multiple Completion () Water Shutoff
() Other: _____

Approximate date work will start: _____

SUBSEQUENT REPORT
(Submit Original Form Only)

() Abandonment * () New Construction
() Casing Repair () Pull or Alter Casing
() Change of Plans () Shoot of Acidize
() Conversion to Injection () Vent or Flare
() Fracture Treat () Water Shut-Off Shutoff
(X) Other: Weekly Progress Report

Date of work completion _____

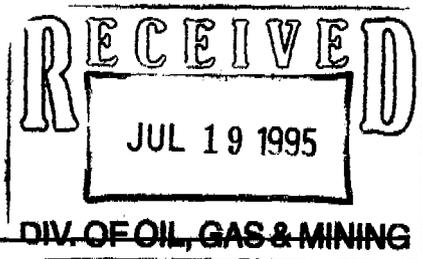
Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weekly Progress Report No. 1, Week Ending July 17, 1995

July 15, 1995, pulling the 4-1/2" liner in the well and spotting a cement plug at the kickoff point for the first of two horizontal laterals.

Please refer to the accompanying Daily Operations Summaries for detail.



PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"
If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.
Name/Signature: W. F. Brazelton W.F. Brazelton Title: Senior Regulatory Analyst Date: 95-07-18

(This space for State use only)

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 1 TO REPORT No. 4

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
07/15/95	14812		AFE #21144 IN THE AMOUNT OF \$1050M TO RE ENTER THE EXISTING WELL, DRILL A NEW LATERAL IN THE RICH MEMBER OF THE TWIN CREEK FORMATION, THEN REDRILL THE LATERAL IN THE WATTON CANYON MEMBER OF THE TWIN CREEK FORMATION. EQUIP, AND COMPLETE THIS WELL TO A MAX MEASURED DEPTH OF 16222'. THE WELL IS LOCATED 711' FSL, AND 552' FWL, SEC. 34 - T2N - R6E SUMMIT COUNTY, UTAH. 7639' RKB ELEV. (24' GL RKB).
		07:00 13:00	MIRU SST RIG #56, RIG ON DAY WORK @ 13:00 HRS. 7-14-95.
		13:00 14:00	RU AND PUMP 100 BBL OF FRESH WATER DOWN CASING TO KILL GAS.
		14:00 18:00	PU KELLEY, AND SOCK. HAD TO FORCE INTO RATHOLE, SEEMS LIKE HOLE DRILLED OFF A LITTLE, AND CROOKED. PU 4" HANDLING TOOLS
		18:00 23:00	NU BOP
		23:00 03:00	TEST BOPS, TEST CHOKE MANIFOLD, CHOKE LINE, VALVES, CHOKE, TO 250# LOW, AND 5000# HIGH, EVERY THING HELD OK EXCEPT CHECK VALVE ON KILL LINE SIDE, TRIED TO CHECK PIPE RAMS, AND BLEW OUT SEALS, TO MUCH WEAR IN SLIDE AREA, BOP SECTION COMMING OUT OF CASPER, EXPECT IT ON LOCATION AROUND 17:00 HRS. THIS AFTERNOON
07/16/95	14812	03:00 05:00	ND BOP TO BLIND RAMS. WEATHER: CLEAR, CALM, 52 DEG. F. NO MOISTURE LAST 24 HRS.
		05:00 07:00	ND BOP TO BLIND RAMS, SERVICE RIG, RIG OFF DAY WORK @ 07:00 7-15-95
		07:00 16:00	WAIT ON BOP, ON LOCATION @ 16:00 HRS. ALSO TESTED FLOOR VALVES, FIXED CHECK VALVE, AND TESTED IT, OK
		16:00 02:30	NU BOP, BAD STUDS ON TOP OF RAM SECTION, RIG BACK ON DAY WORK @ 02:30 7-16/95
07/17/95	14812	02:30 05:00	KILL WELL, AND TEST BOP, PIPE RAMS HELD OK WEATHER: CLEAR, CALM, 60 DEG. F. NO MOISTURE LAST 24 HRS.
		05:00 08:00	TEST BOPS ANNULAR TO 250 LOW, AND 1500 HIGH PU, AND MAKE UP SWIVEL, TEST LOWER KELLEY VALVE
		08:00 10:00	WELD FLOW LINE
		10:00 11:45	MOVE AND STRAP DCS, RIG UP AMERICAN PIPE TO PU DP
		11:45 13:45	PU BHA & TOOLS (PU HD ITCO SPEAR, 2 7/8 REG. W/ 3.986" NOM. GRAPPLE.)

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 1 TO REPORT No. 4

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		13:45 00:30	PU DRILL PIPE. TO 10805
		00:30 02:00	PU KELLEY, ENGUAGE TOL, WORK SPEAR INTO FISH, STRING WT. 170M, PULLED 200M, LET JARS GO OFF EASY, PULLED TO 280M, LINER STARTED SLIPPING OUT
		02:00 05:00	TOH WITH LINER, 63 STANDS OUT STILL WEIGHING 130M, SO HAVE SOMETHING ON SPEAR.
07/18/95	14812	05:00 08:00	WEATHER: CLEAR, CALM, 56 DEG. F. NO MOISTURE LAST 24 HRS. TOH WITH LINER
		08:00 09:00	LD FISHING TOOLS
		09:00 13:00	LD 94 JTS. 4 1/2" 11.6# N-80, 4006', BANDING STRAP IN LINER ALL THE WAY. COLLARS ON LINER CORRODED BADLEY, PITTED, SOME OF THEM ALL THE WAY THROUGH.
		13:00 16:00	RU TO PU 60 JTS 2 7/8" 6.5# L-80 EUE,1862'
		16:00 19:15	TIH TO 12018' MD.
		19:15 21:15	RU DS, PUMP 10 BBL OF WATER AHEAD, MIX AND PUMP 125 SX OF CLASS "G", W/ .3% D-800, WT 15.8 PPG, YEILD 1.15 CF. SX. 25.6 BBL OF SLURRY, DISPLACE W/ 111 BBL OF FRESH WATER, PLUG IN PLACE @ 21:00 HRS.
		21:15 24:00	RD DS, TOH TO TBG.
		24:00 05:00	WAIT ON CEMENT, WILL START IN HOLE @ 05:00
			WEATHER: CLEAR, CALM, 60 DEG. F. NO MOISTURE LAST 24 HRS.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL () GAS (X) OTHER: (RE-ENTRY)

2. Name of Operator
Union Pacific Resources Company

3. Address and Telephone Number
P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

5. Lease Designation and Serial No.
Fee

6. If Indian, Allottee or Tribe Name
NA

7. Unit Agreement Name
NA

8. Well Name and Number
Judd 34-1H Redrill

9. API Well Number
43-043-30301

10. Field and Pool, or Wildcat
Lodgepole

4. Location of Well
Footages 711' FSL, 552' FWL Section 34, T. 2 N., R. 6 E., County Summit
QQ, Sec., T., R., M. State Utah

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

() Abandonment () New Construction
() Casing Repair () Pull or Alter Casing
() Change of Plans () Recompletion
() Conversion to Injection () Shoot or Acidize
() Fracture Test () Vent or Flare
() Multiple Completion () Water Shutoff
() Other:

Approximate date work will start:

SUBSEQUENT REPORT
(Submit Original Form Only)

() Abandonment * () New Construction
() Casing Repair () Pull or Alter Casing
() Change of Plans () Shoot or Acidize
() Conversion to Injection () Vent or Flare
() Fracture Treat () Water Shut-Off Shutoff
(X) Other: Weekly Progress Report

Date of work completion _____

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weekly Progress Report No. 2, Week Ending July 24, 1995

Well spudded on actual redrill operations July 24, 1995

Please see accompanying Daily Operations Summaries for detail.



PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"
If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.
Name/Signature: W. F. Brazelton W.F. Brazelton Title: Senior Regulatory Analyst Date: 95-07-24

(This space for State use only)

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 5 TO REPORT No. 10

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
07/19/95	14812	05:00 08:00	TIH TO TAG CEMENT @ 08:00, NO CEMENT @ 12018'
		08:00 08:30	CIRCULATE TO FILL PIPE, 1600 STKS. DIDN,T FILL
		08:30 10:30	PULL 4 STANDS, TO 11616', RU DS, PUMP 10 BBL WATER, MIX AND PUMP 275 SX "G" W/ .3% D-800, WT 15.8, YEILD 1.15, 58 BBL SLURRY, DISPLACE W/ 106 BBL OF WATER, BROKE OFF HARD LINE, WELL ON A VACUUM.
		10:30 13:30	TOH TO TBG.
		13:30 17:00	RU LAY DOWN CREW, LD 60 JTS TBG., RD LAY DOWN CREW.
		17:00 18:00	PU BIT, BIT SUB, AND 10 JTS. DP.
		18:00 01:00	TIH, PU 32 JTS 4" DP, PU UPPER KELLEY VALVE HEAVY RAIN AND LIGHTNING FOR ABOUT AN 1 1/2 HR.
		01:00 02:00	APEARED TO SET DOWN ON SOMETHING, @ 11605', 1' PAST WHERE WE SET THE LAST PLUG, KELLEY UP AND TRY TO FILL PIPE, W&R 60' ONLY LEDGES I THINK COULDN'T FILL PIPE
		02:00 05:00	TOH TO PU CEMENT RETAINER, 106 STANDS OUT @ 05:00 16 STANDS LEFT. WEATHER: PC, CALM, 56 DEG. F. .40" RAIN LAST 24 HRS.
		07/20/95	11433
06:00 06:30	PU EZSV RETAINER		
06:30 11:00	TIH TO 11862'		
11:00 13:00	SET RETAINER @ 11862', FILL HOLE, AND CIRCULATE		
13:00 15:00	RU DS, PUMP 2.5 BBL OF WATER, MIX AND PUMP 58 BBL OF CEMENT, BLEW A LOCK DOWN PIN OUT OF THE TBG. HEAD, STING INTO RETAINER AND FINISH MIXING REMAINDER OF 80 BBL OF CEMENT, DISPLACE WITH 115.7 BBL OF WATER, STING OUT OF RETAINER , AND DUMP POSSIBLY 4 BBL OF CEMENT ON TOP OF RETAINER, 400 SX OF "G", W/ .3% D-800, WT. 15.8, YEILD 1.15, 80 BBL OF SLURRY.		
15:00 18:00	TOH, AND LD SET TOOL. FMC OUT TO CHECK OUT TBG. HEAD, APPEARS THAT THE PACKING NUT WAS NOT TIGHTENED DOWN AFTER WE PULLED THE TEST PLUG, AND BLEW OUT, DIDN'T HURT THE HEAD, HAD TO PUT IN ANOTHER LOCK DOWN PIN.		
18:00 18:30	SERVICE RIG, CHECK BOP		
18:30 22:30	TIH 109 STANDS, NO CEMENT ON TOP OF RETAINER		
22:30 01:00	CIRCULATE AND WOC		

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 5 TO REPORT No. 10

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
07/21/95	10894	01:00 02:00	DRILL RETAINER, LOST COMPLETE RETURNS WHEN WE DRILLED UP PACKER ELEMENT.
		02:00 05:00	TIH 5 STANDS TO 11433, KELLEY UP AND DRILL WHAT APPEARS TO BE CEMENT FOR 32' TO 11465'
		05:00 06:00	WEATHER: CLEAR CALM, 516 DEG. F. NO RAIN LAST 24 HRS. DRILL WHAT APPEARED TO BE CEMENT TO 11465'
		06:00 09:00	TOH
		09:00 10:00	SLIP & CUT DRILL LINE 115'
		10:00 10:30	SERVICE RIG
		10:30 13:30	WAIT ON CEMENT RETAINER
		13:30 17:00	TIH TO 10894'
		17:00 20:30	SET RETAINER, WANTED TO SLIDE DOWN HOLE, RU DS PUMP 20 BBL OF WATER, 10 BBL OF 9% CALCIUM CHLORIDE WATER, 3 BBL OF WATER SPACER, 10 BBL OF D-75 SOLUTION, (SODIUM SILICATE), 3 BBL WATER SPACER, AND 400 SX OF "G" W/ .3% D-800, WT 15.8, YIELD 1.15, 80 BBL OF SLURRY, DISPLACE WITH 106 BBL OF WATER, STING OUT OF RETAINER WITH 12 BBL OF CEMENT LEFT IN PIPE, ON THE FLY. MAX PRESSURE WHILE PUMPING WAS 600#, 480# WHEN WE STUNG OUT. PLUG IN PLACE @ 20:30 HRS. RU DS
		20:30 22:30	PULL 3 STANDS, AND CIRCULATE BOTTOMS UP
		22:30 01:30	TOH WITH RETAINER EZSV.
		01:30 02:30	SERVICE RIG, CHECK BOP, LD HALCO SET TOOL
		02:30 05:00	TIH TO DRILL RETAINER @ 08:30
		07/22/95	10894
07:00 08:30	WAIT ON CEMENT		
08:30 09:30	DRILL RETAINER @ 11894', LOST COMPLETE RETURNS WHEN WE WENT THROUGH RETAINER, BUT HAD 300# STAND PIPE PRESSURE, WE HAVE NEVER HAD ANY PRESSURE BEFORE.		
09:30 11:00	WASH FROM 11896 TO 11233', TAGGED UP ON SOMETHING, COULDN'T SLIDE, AND HAD LOTS OF TORQUE WITH 5-10M		
11:00 14:00	TOH		
14:00 15:00	PU, AND MAKE UP BAKER SINGLE SET PIP PACKER, W/ 66" P.E.		
15:00 19:30	TIH, TO 11230, TAG UP, SLM IN HOLE.		
19:30 21:30	RU DS. SET PACKER WITH HYDROSTATIC PRESSURE, PUMPER 13 BBL @ A TIME UNTIL WE THOUGHT WE HAD		

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 5 TO REPORT No. 10

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			2400# ON THE PACKER, SET 40M ON PACKER, PULLED 40M THEN TURN 1/4 TURN TO THE LEFT, PULL 20M OVER, SET BACK DOWN, PUT ANOTHER 1/4 TURN LEFT, PULLED OFF.
		21:30 22:30	FILL PIPE, AND CIRCULATE BOTTOMS UP.
		22:30 23:30	RU DS, PUMP 10 BBL. WATER, MIX AND PUMP 100 SX. G, WT 15.8, YEILD 1.15, 20 BBL OF SLURRY DISPLACE WITH 116 BBL OF WATER, PLUG IN PLACE @ 23:30 HRS. RD DS.
		23:30 24:00	TOH 6 STANDS, PLUG BALANCED OK
		24:00 01:00	CIRCULATE BOTTOMS UP
		01:00 04:00	TOH, LD BAKER ON OFF TOOL
		04:00 05:00	TIH TO DRESS OFF PLUG FOR KICK OFF
			WEATHER: CLEAR CALM, 52 DEG. F. NO RAIN LAST 24 hrs.
07/23/95	10980	05:00 08:00	LAST WATER METER READING: 40604 7/21/95 TIH TO 9987'
		08:00 11:00	WAIT ON CEMENT
		11:00 11:30	TIH TO 10680, TAG CEMENT
		11:30 13:00	DRILL CEMENT TO 10859' STILL TO SOFT
		13:00 18:00	WAIT ON CEMENT
		18:00 19:00	DRILL CEMENT TO 10980', FIRMER, BUT STILL SOFT DECIDED TO TRIP FOR ANGLE BUILD ASSM.
		19:00 20:00	CIRCULATE BOTTOMS UP
		20:00 24:00	TOH
		24:00 03:00	PU BHA & TEST MWD
		03:00 05:00	TIH
			WEATHER: CLEAR CALM, 49 DEG. F. TR. RAIN LAST 24 hrs.
07/24/95	11008	05:00 07:30	LAST WATER METER READING: 40604 7/21/95 TIH
		07:30 08:30	MWD TOOL QUIT, GR PROBE NOT LETTING SIGNAL THRU
		08:30 12:00	TOH
		12:00 13:00	REBUILD MWD TOOL
		13:00 14:00	TEST MWD TOOL COMPLETE CYCLE
		14:00 18:00	TIH, FILL PIPE 3 TIMES.
		18:00 04:00	DRILL (TIME) 10980-11006'
		04:00 04:15	SURVEY (SURVEY IS STILL ABOVE TIE IN POINT)

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
AFE No. :021144
FIELD :LODGEPOLE TWIN CREEK

WELL No. :
API No. :43-043-30301
RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 5 TO REPORT No. 10

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
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04:15 05:00

DRILL (TIME) 11006-11008' WE HAVE 50# OF DIFF. PRESSURE, AND IT IS TAKING 3-4M WT. NOW.

WEATHER: CLEAR, CALM, 55 DEG. F. NO RAIN LAST 24 HRS.

ROT. HRS. 24 HRS.: 10.50, CUMM: 10.50 MWD TOOL:
HRS. ON PUMP. 11.00 HRS. IN HOLE: 16.00 /// MTR.
SN 475-043A DRLG. HRS.: 10.50, HRS. IN HOLE: 16.00

LAST WATER METER READING: 45095 7/24/95

SAMPLES ARE SHOWING 5-7% FORMATION, 95-97% CEMENT.

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 18 TO REPORT No. 24

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
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08/06/95	12870	05:00 17:00	<p>BBLs. FLUID LOST LAST 24 HRS. ∞ TRACE OF OIL @ FLOWLINE WITH PARTIAL RETURNS, NO GAS SHOWS LAST 24 HRS. ∞ ∞ ∞ WATER METER READING @ 0500 HRS. 8/5/95: 259434 ∞ ∞ ∞ DRLG./24 HRS.:0.0 HRS./CUM.:160.75 HRS. ∞ ∞ RIG FUEL DELS./24 HRS.:0 GALS./CUM.:16099 GALS. ∞ 79.5 CUM. ROT. HRS. ON BHA SINCE LAST INSP. ∞ ∞ MTR. SN. 475-104/79.75 HRS. DRLG./91.0 HRS. ON PUMP / MTR. SN. 475-102A/ 4.75 HRS. DRLG./30.0 HRS. ON PUMP ∞ ∞ MWD TOOL/24.0 HRS. ON PUMP/57.5 HRS. IN HOLE ∞ CORR. RING # B69 @ TOP OF BHA; IN @ 1900 HRS. 7/26/95 @ 11468', OUT @ 1900 HRS. 8/2/95 @ 12839'; 168.0 CUM. HRS. OF EXP. / CORR. RING #B58 @ TOP OF BHA; IN @ 1900 HRS. 8/2/95 @ 12839'; 58.0 CUM. HRS. OF EXP. / CORR. RING #8899 @ SAVER SUB; IN @ 1900 HRS. 7/27/95 @ 11468', OUT @ 1900 HRS. 8/2/95 @ 12839'; 144.0 CUM. HRS. OF EXP. ∞ ROTATING HEAD RBBR. #1/45.75 ROT. HRS./96.5 HRS. INSTALLED / RBBR. #2/16.75 ROT. HRS./64.75 HRS. INSTALLED ∞ ∞ WEATHER: CLEAR, CALM, 55 DEG. F., NO NEW PRECIP. LAST 24 HRS.</p> <p>WIRELINE WORK - FINISHED RUNNING MINIMUM ID CASING INSPECTION LOG, RU & RUN DIALOG CASING PROFILE LOG, RD DIALOG, RU OWP & RUN GAMMA RAY & CASING COLLAR CORRELLATION LOG, RD OWP. LOGS SHOW EGG SHAPED COLLAPSE IN INTERMEDIATE CASING 10392-10402' IMMEDIATELY ABOVE PREUSS SALT 10400-10414'. LOGS INDICATE COLLAPSED AREA IS A MINIMUM 6 1/8" X MAXIMUM 6 19/32". (FLUID LEVEL OBSERVED @ 8500' FROM SURFACE ON TOOH W/GR TOOL).</p> <p>17:00 18:00 SLIP & CUT DRILL LINE - 115'. 18:00 18:30 PU/LD BHA & TOOLS - PU 6 1/4" SWAGE, 5 STANDS 4 3/4" DC'S IN DERRICK & JARS. 18:30 22:00 TRIP - TIH WITH 6 1/4" SWAGE TO WORK COLLAPSED AREA IN INTERMED. CASING BACK OPEN. TIH TO 10859' (TOP OF FISH) WITHOUT ENCOUNTERING ANY OBSTRUCTIONS. 22:00 01:30 TRIP - TOOH WITH 6 1/4" SWAGE. 01:30 02:00 PU/LD BHA & TOOLS - LD 6 1/4" SWAGE, PU 6 1/2" SWAGE. 02:00 05:00 TRIP - TIH W/ 6 1/2" SWAGE TO TO WORK COLLAPSED AREA IN INTERMED. CASING.</p> <p>FISH IN HOLE CONSISTS OF 59 JTS. 4" DRILLPIPE, DIRECTIONAL BHA, & PDC BIT/TOTAL LENGTH: 2012.28' ∞ LOST APPROX. 100 BBLs. FLUID LAST 24 HRS. WHILE RUNNING WATER IN HOLE FOR WELL CONTROL ∞ NO RETURNS LAST 24 HRS. ∞ WATER METER READING @ 0500 HRS. 8/5/95: 260506 ∞ MUD LOGGER & SPERRY PERSONNEL PUT ON STANDBY @ 0830 HRS.</p>
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OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 18 TO REPORT No. 24

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			8/5/95.
			DRLG./24 HRS.:0.0 HRS./CUM.:160.75 HRS. ∞ RIG FUEL DELS./24 HRS.:0 GALS./CUM.:16099 GALS. ∞ 79.5 CUM. ROT. HRS. ON BHA SINCE LAST INSP. ∞ MTR. SN. 475-102A/ 4.75 HRS. DRLG./30.0 HRS. ON PUMP ∞ MWD TOOL/24.0 HRS. ON PUMP/81.5 HRS. IN HOLE ∞ CORR. RING #B58 @ TOP OF BHA; IN @ 1900 HRS. 8/2/95 @ 12839'; 82.0 CUM. HRS. OF EXP. ∞ ROTATING HEAD RBBR. #2/16.75 ROT. HRS./64.75 HRS. INSTALLED
08/07/95	12870	05:00 06:00	WEATHER: CLEAR, WINDS 5-10/SW, 72 DEG. F., NO NEW PRECIP. LAST 24 HRS. / LOC. & ACCESS: DRY/GOOD.
		06:00 08:30	TRIP - CONT'D TIH W/ 6 1/2" SWAGE. TAG FIRST TIGHT SPOT @ 8997'. SWAGE OUT CASING - WORK THROUGH VARIOUS TIGHT SPOTS 8997-10395'. TAG COLLAPSED AREA @ 10395'. ATTEMPT TO SWAGE OUT COLLAPSED AREA @ 10395' FOR 1 HOUR WITH NO PROGRESS, VERY TIGHT PULLING UP (HAVING TO JAR/PULL 300000-350000# TO COME LOOSE).
		08:30 12:00	TRIP - TOOH FOR SMALLER OD SWAGE. 6 1/2" SWAGE HEAVILY MARKED. LD & SEND IN 6 1/2" SWAGE TO MACHINE DOWN GAUGE FROM 9" TO 4". PU 6 3/8" SWAGE.
		12:00 16:00	TRIP - TIH W/ 6 3/8" SWAGE TO 10859' (TOP OF FISH) WITHOUT ENCOUNTERING ANY OBSTRUCTIONS.
		16:00 20:30	TRIP - TOOH W/ 6 3/8" SWAGE.
		20:30 23:30	TRIP - PU 6 1/2" SWAGE WITH 4" GAUGE AREA, TIH. NO TIGHT SPOTS.
		23:30 05:00	TAG UP ON COLLAPSED AREA @ 10395'. SWAGE OUT CASING - ATTEMPT TO SWAGE OUT COLLAPSED CASING. HAVE BEEN ABLE TO DRIVE SWAGE TO 10398', BUT PIPE DOES NOT APPEAR TO BE STAYING OPEN. THE DEEPER THE SWAGE IS DRIVEN INTO COLLAPSED AREA, THE MORE PULL REQUIRED TO PULL OUT (CURRENTLY 360,000#), BUT STILL TAG UP WITH STRING FREE WEIGHT AT 10395-10396'.
			FISH IN HOLE CONSISTS OF 59 JTS. 4" DRILLPIPE, DIRECTIONAL BHA, & PDC BIT/TOTAL LENGTH: 2012.28' ∞ LOST APPROX. 100 BBLs. FLUID LAST 24 HRS. WHILE RUNNING WATER IN HOLE FOR WELL CONTROL ∞ NO RETURNS LAST 24 HRS. ∞ WATER METER READING @ 0500 HRS. 8/5/95: 260506 ∞
			DRLG./24 HRS.:0.0 HRS./CUM.:160.75 HRS. ∞ RIG FUEL DELS./24 HRS.:0 GALS./CUM.:16099 GALS. ∞ 79.5 CUM. ROT. HRS. ON BHA SINCE LAST INSP. ∞ MTR. SN. 475-102A/ 4.75 HRS. DRLG./30.0 HRS. ON PUMP

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
AFE No. :021144
FIELD :LODGEPOLE TWIN CREEK

WELL No. :
API No. :43-043-30301
RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 18 TO REPORT No. 24

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
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\\ MWD TOOL/24.0 HRS. ON
PUMP/105.5 HRS. IN HOLE \\
CORR. RING #B58 @
TOP OF BHA; IN @ 1900 HRS. 8/2/95 @ 12839';
106.0 CUM. HRS. OF EXP. \\ ROTATING HEAD
RBBR. #2/16.75 ROT. HRS./64.75 HRS. INSTALLED

WEATHER: CLEAR, WINDS 5-10/SW, 72 DEG. F., NO
NEW
PRECIP. LAST 24 HRS. / LOC. & ACCESS: DRY/GOOD.

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 11 TO REPORT No. 17

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY		
07/25/95	11077	05:00 10:30	DRILL (TIME) 11008-11012' 60L		
		10:30 11:15	DRILL SLIDE 11012-11038 60L		
		11:15 11:30	SURVEY @ 10990		
		11:30 11:45	DRILL SLIDE, TRIED TO SET DOWN, TORQUEING BAD, COULDN'T PUT ANY WT. ON BIT WITHOUT STALLING.		
		11:45 15:30	TOH TO CHECK BIT AND MOTOR		
		15:30 18:30	PU/LD BHA & TOOLS		
		18:30 19:30	SLIP & CUT DRILL LINE 117'		
		19:30 24:00	TIH, FILLING PIPE EA. 40 STANDS		
		24:00 01:00	DRILL ROTATE 11038-11041, COULD NOT SLIDE, TO MUCH TORQUE, KEPT STALLING OUT MOTOR. WE PULLED BACK THRU THIS AREA, PULLED 30M OVER		
		01:00 04:30	DRILL SLIDE 11041-11071 50 LEFT, SAW THE TIGHT SPOT @ 11038 ON THIS CONNECTION ALSO.		
		04:30 04:45	SURVEY @ 11022'		
		04:45 05:00	DRILL SLIDE 11071-11077 45-50L		
					WEATHER: CLEAR, CALM, 56 DEG. F. NO RAIN LAST 24 HRS.
					ROT. HRS. 24 HRS.: 11.25, CUMM: 21.75 MWD TOOL: HRS. ON PUMP. 24.00 HRS. IN HOLE: 38.00 /// MTR. SN 475-040 DRLG. HRS.: 04.75, HRS. IN HOLE: 9.500 FUEL DEL. 24 HRS.: 7500 GAL. CUM: 14499
			LAST WATER METER READING: 45095 7/24/95		
			SAMPLES ARE SHOWING 100% LIMESTONE		
			TED G. LEMP FELL ON THE RACKING BOARD, AND HURT HIS LEFT LEG, TOOLPUSHER HAS TAKEN HIM INTO COALVILLE FOR X RAYS, WILL FILL OUT ACCIDENT REPORT WHEN I FIND OUT MORE. (360 DAYS WITHOUT A LOST TIME ACCIDENT TO THIS POINT.)		
07/26/95	11420	05:00 07:15	DRILL SLIDE 11077-11103 50-60L		
		07:15 07:30	SURVEY 11054'		
		07:30 09:00	DRILL SLIDE 11103-11134 50-60L		
		09:00 09:15	SURVEY 11085'		
		09:15 11:15	DRILL SLIDE 11134-11166 50-60L		
		11:15 11:30	SURVEY 11117'		
		11:30 13:45	DRILL SLIDE 11166 11198 40L		
		13:45 14:00	SURVEY 11149'		
		14:00 16:15	DRILL ROTATE 11198-11230		
		16:15 16:30	SURVEY 11181		
		16:30 17:15	DRILL SLIDE 11230-11246 20R		
		17:15 18:15	DRILL ROTATE 11246-11261		
		18:15 18:30	SURVEY		
		18:30 19:30	DRILL SLIDE 11261-11281 HS		
		19:30 20:15	DRILL ROTATE 11281-11293		
		20:15 20:30	SURVEY 11244'		
		20:30 21:30	DRILL SLIDE 11293-11307 15L		
		21:30 22:30	DRILL ROTATE 11307-11325		
		22:30 22:45	SURVEY 11276'		
		22:45 00:45	DRILL SLIDE 11325-11357 25L		
		00:45 01:00	SURVEY 11308'		
		01:00 02:30	DRILL SLIDE 11357-11389		
02:30 02:45	SURVEY 11340'				
02:45 04:45	DRILL SLIDE 11389-11340				
04:45 05:00	SURVEY 11371'				

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 11 TO REPORT No. 17

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			WEATHER: CLEAR, WINDS SOUTH @ 5-15 MPH 70 DEG. F. NO RAIN LAST 24 HRS. ROT. HRS. 24 HRS.: 21.25, CUMM: 43.00 MWD TOOL: HRS. ON PUMP.48.00 HRS. IN HOLE:62.00 /// MTR. SN 475-040 DRLG.HRS.: 26.00, HRS.IN HOLE:33.50 FUEL DEL. 24 HRS.: 0000 GAL. CUM:14499 LAST WATER METER READING: 45095 7/24/95 SAMPLES:WATTON CANYON TOP 11263', 510 U. GAS SHOW @ 11220', WITH ABNT GRN. OIL SHOW. NO METAL IN SAMPLES LAST 24 HRS. STARTED LOOSING FLUID JUST AFTER 05:00, ABOUT 50 BBL. HR. JUST A GUESS.
07/27/95	11468	05:00 06:00	DRILL SLIDE 11420-11435' - 15'/15.0 FPH @ HS. STARTED LOSING 50% RETURNS @ 11425'.
		06:00 06:45	DRILL SLIDE 11435-11452' - 17'/22.7 FPH @ 0-20R.
		06:45 07:00	MWD SURVEY @ 11404' - 40.0 DEG. INC., 38.3 DEG. AZ.
		07:00 08:15	DRILL SLIDE 11452-11468' - 16'/12.8 FPH @ 0-20R. LOST FULL RETURNS @ 11464', STANDPIPE PRESSURE FELL TO 300 PSI @ 11464', 0 PSI @ 11468'. CHANGE IN PROJECTED TARGET DEPTH FROM GR CORRELATION INDICATES CURRENT BHA NOT STRONG ENOUGH TO REACH NEW TARGET TVD IN TIME,
		08:15 12:00	TRIP - TOOH FOR STRONGER BHA. NO TIGHT SPOTS. WORN BEARINGS ON BIT & MOTOR.
		12:00 14:00	OTHER - CHANGE PIPE RAMS (DAMAGED DURING CEMENTING OPERATIONS).
		14:00 17:30	TEST BOPS/DIVERTER - RU DOUBLE JACK & TEST PIPE RAMS TO 250 PSI FOR 5 MINS. & 5000 PSI FOR 10 MINS. - OK. (HAD TO REPLACE DOOR GASKETS TO OBTAIN TEST).
		17:30 19:30	PU/LD BHA & TOOLS - LD OLD MOTOR & BIT, PU & ORIENT NEW MOTOR, TEST MOTOR & MWD TOOL - OK, INSTALL NEW BIT. RAN SMALLER BIT JETS TO OBTAIN MORE BACK PRESSURE ON MWD TOOL WITH LOST CIRC.
		19:30 22:30	TRIP - TIH, NO TIGHT SPOTS. ATTEMPT TO FILL PIPE 1/2 WAY IN W/NO SUCCESS DUE TO LOST CIRC. CONT'D TIH TO TD WITH NO PROBLEMS.
		22:30 01:30	CIRCULATE - TRY TO FILL PIPE/OBTAIN MWD TOOL SIGNAL. NOT ABLE TO GET ANY STANDPIPE PRESSURE WITH LOST. CIRC. WHILE PUMPING @ MAX. PUMP RATE FOR MOTOR (250 GPM) FOR 2 HRS. ATTEMPT TO SET BIT ON BOTTOM/STANDPIPE PRESSURE STILL 0 PSI.
		01:30 05:00	TRIP - TOOH TO SIZE DOWN JETS & ORIFICE IN MWD TOOL TO PROVIDE INCREASED BACK PRESSURE/CONTINUOUS FLUID COLUMN FOR MWD TOOL SIGNAL WITH LOST CIRC.
			NO SURFACE PRESSURES WITH LOST CIRC. !!! CONTINUE TO LOSE FULL RETURNS. 1000 TOTAL BBL. FLUID LOST LAST 24 HRS. !!! DRILLING 100% LIMESTONE WHEN LAST HAD RETURNS. NO NEW SHOWS LAST 24 HRS. !!! NO TIGHT CONNECTIONS OR METAL OBSERVED IN SHAKER SAMPLES LAST 24 HRS. !!! NEW TOOL INTERVALS: BIT TO SURVEY PROBE - 49',

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
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 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 11 TO REPORT No. 17

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			BIT TO GR PROBE - 58.
07/28/95	11550	05:00 06:00	WEATHER: CLEAR, CALM, 64 DEG. F., NO NEW PRECIP. LAST 24 HRS./LOC. & ACCESS: GOOD/DRY. TRIP - CONT'D TOOH TO SIZE DOWN BIT JETS & ORIFICE IN MWD TOOL TO PROVIDE INCREASED BACK PRESSURE/CONTINUOUS FLUID COLUMN FOR MWD TOOL SIGNAL WITH LOST CIRC. REDUCE SIZE OF MWD TOOL ORIFICE & RUN 2 - 12/32" & 1 BLANK FOR BIT JETS.
		06:00 06:30	TRIP - TIH WITH BHA ON 30 STANDS DRILLPIPE.
		06:30 08:00	CIRCULATE - TRY TO FILL PIPE/OBTAIN MWD SIGNAL WITH SMALLER JETS. GOT MOMENTARY 0-50 PSI SURGES AT STANDPIPE, BUT NO READABLE PULSES FROM MWD TOOL. AM NOT ABLE TO SIZE DOWN BIT JETS ANY FURTHER AS WILL EXCEED PRESSURE RATING ON MOTOR BEARING PACK & WASH OUT BEARINGS. ORDER OUT RESTRICTER SUB FROM SPERRY/CASPER TO INSTALL BELOW MWD TOOL & ABOVE MOTOR TO PROVIDE NEEDED BACK PRESSURE.
		08:00 08:45	TRIP - TOOH WHILE WAITING ON RESTRICTER SUB.
		08:45 17:00	OTHER - WAIT ON RESTRICTER SUB TO ARRIVE FROM CASPER. BEARING ON ONE CONE OF BIT ROUGH. CHANGE OUT BIT WHILE WAITING. RESTRICTER SUB ON LOCATION @ 1700 HRS. 7/27/95.
		17:00 18:00	PU/LD BHA & TOOLS - REMOVE FLOAT & INSTALL RESTRICTER SUB IN STRING BETWEEN MOTOR & MWD TOOL (1 - 16/32" BIT JET IN RESTRICTER SUB).
		18:00 21:30	TRIP - TIH 30 STANDS, FILL PIPE, HAD TO PUMP @ 78 SPM TO GET PRESSURE, 900 PSI ON STANDPIPE, GOOD SIGNAL FROM MWD TOOL. CONT'D TIH, NO TIGHT SPOTS TO TD.
		21:30 22:30	CIRCULATE - TO FILL PIPE/OBTAIN PRESSURE FOR MWD TOOL. HAD TO PUMP FULL CAPACITY OF PIPE @ 75 SPM BEFORE GETTING PRESSURE (600 PSI).
		22:30 05:00	DRILL & SURVEY 11468-11550' DRILL SLIDE - 82'/14.9 FPH MWD SURVEYS
			SLIDE: 11468-11518' HS \\\ SLIDE: 11518-11550' 30L
			PUMP PRESSURES: 250 PSI (OFF BOTTOM), 550 PSI (SLIDING) \\\ CONTINUE TO LOSE FULL RETURNS. 2750 TOTAL BBLs. FLUID LOST LAST 24 HRS. \\\ NO SHOWS/CUTTINGS LAST 24 HRS. WITH LOST RETURNS. \\\ NO TIGHT CONNECTIONS LAST 24 HRS. \\\ NEW TOOL INTERVALS: BIT TO SURVEY PROBE - 52', BIT TO GR PROBE - 60'.
07/29/95	11730	05:00 05:00	WEATHER: CLEAR, CALM, 67 DEG. F., NO NEW PRECIP. LAST 24 HRS./LOC. & ACCESS: GOOD/DRY. DRILL & SURVEY 11550-11730' DRILL SLIDE 11550-11730' @ HS - 180'/7.9 FPH MWD SURVEYS
			PUMP PRESSURES: 1950 PSI (OFF BOTTOM), 2250 PSI

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 11 TO REPORT No. 17

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			(SLIDING) \\\ DRILL WITH NO RETURNS 11550-11695', 25% RETURNS 11695-11730'. 6500 TOTAL BBLs. FLUID LOST LAST 24 HRS. \\\ SLIGHT SHOW OF OIL @ FLOWLINE WITH PARTIAL RETURNS. \\\ NO TIGHT CONNECTIONS LAST 24 HRS. \\\ RELEASED MUD LOGGER (LOGRITE) @ 0750 HRS. 7/28/95. MUD LOGGING TRAILER STILL RIGGED UP ON LOCATION \\\ DIRECTIONAL SURVEY CALCULATIONS SHOWN ARE NOW BEING RUN ON A VERTICAL SECTION AZIMUTH OF 41.66 DEG. \\\ HAVING TO HAUL FRESH WATER FROM CREEK WITH 4 TRUCKS IN ADDITION TO VOLUME BEING PUMPED TO KEEP UP WITH PUMP RATE/LOST RETURNS.
			DRLG./24 HRS.:22.75 HRS./CUM.:74.25 HRS. \\\ RIG FUEL DELS./24 HRS.:0 GALS./CUM.:14499 GALS. \\\ 17.0 CUM. ROT. HRS. ON BHA SINCE LAST INSP. \\\ MTR. SN. 475-102A/29.0 HRS. DRLG./32.25 HRS. ON PUMP / MTR. SN. 475-103/28.25 HRS. DRLG./36.0 HRS. ON PUMP \\\ MWD TOOL/82.75 HRS. ON PUMP/118.25 HRS. IN HOLE \\\ CORR. RING # B69 @ TOP OF BHA; IN @ 1900 HRS. 7/26/95 @ 11468'; 58.0 CUM. HRS. OF EXP. / CORR. RING #8899 @ SAVER SUB; IN @ 1900 HRS. 7/27/95 @ 11468'; 34.0 CUM. HRS. OF EXP.
07/30/95	11860	05:00 07:00 07:00 07:15 07:15 10:45 10:45 13:00 13:00 17:30 17:30 18:30 18:30 05:00	WEATHER: CLEAR, CALM, 77 DEG. F., NO NEW PRECIP. LAST 24 HRS./LOC. & ACCESS: GOOD/DRY. DRILL SLIDE 11730-11740' @ HS - 10'/5.0 FPH MWD SURVEY @ 11689' - 81.20 DEG. INC., 43.80 DEG. AZ. PROJECTION OF SURVEY DATA TO TD INDICATES BIT @ 90 DEG. INC. JUST ABOVE CENTERLINE OF TARGET. TRIP - TOO H TO PICK UP STEERABLE BHA. NO TIGHT SPOTS. PU/LD BHA & TOOLS - LD MWD TOOL, TRI CONE BIT, 2.12 DEG. MOTOR, KICK PAD & RESTRICTOR SUB, PU & ORIENT 1.5 DEG. PERFORMANCE MOTOR & NEW MWD TOOL, TEST MWD TOOL & MOTOR - OK, PU PDC BIT. TRIP - TIH TO TD, NO TIGHT SPOTS, INSTALL ROTATING HEAD RUBBER. CIRCULATE - TO OBTAIN ENOUGH STANDPIPE PRESSURE FOR MWD SIGNAL DUE TO LOST CIRC. DRILL & SURVEY 11740-11860' DRILL ROTATE - 99'/12.4 FPH DRILL SLIDE - 21'/12.0 FPH MWD SURVEYS ROTATE: 11740-11807' \\\ SLIDE: 11807-11822' @ HS ROTATE: 11822-11854' \\\ SLIDE: 11854-11860' @ HS PUMP PRESSURES: 1350 PSI (OFF BOTTOM), 1500 PSI (SLIDING), 1550 PSI (ROTATING) \\\ DRILL WITH

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
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SUMMARY OF OPERATIONS FROM REPORT No. 11 TO REPORT No. 17

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
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07/31/95	12221	05:00 05:00	<p>NO RETURNS 11730-11804', 20% RETURNS 11804-11860'. 4250 TOTAL BBLs. FLUID LOST LAST 24 HRS. ∞ TRACE OF OIL @ FLOWLINE WITH PARTIAL RETURNS. ∞ NO TIGHT CONNECTIONS LAST 24 HRS. ∞ HAVING TO HAUL FRESH WATER FROM CREEK WITH 4 TRUCKS IN ADDITION TO VOLUME BEING PUMPED TO KEEP UP WITH PUMP RATE/LOST RETURNS ∞ NEW TOOL INTERVALS: BIT TO SURVEY PROBE - 56' / BIT TO GR PROBE - 63' ∞ NO VISIBLE WEAR ON OUTER HOUSING OBSERVED ON MOTOR #475-103 WHEN LAID DOWN ∞ BIT #8 COST SHOWN IS A RE BUILD COST ON PDC BIT THAT WAS RUN ON A PREVIOUS WELL.</p> <p>WEATHER: CLEAR, CALM, 58 DEG. F., NO NEW PRECIP. LAST 24 HRS./LOC. & ACCESS: GOOD/DRY. DRILL & SURVEY 11860-12221' DRILL ROTATE - 242'/27.7 FPH DRILL SLIDE - 119'/9.9 FPH MWD SURVEYS</p> <p>SLIDE: 11860-11870' @ HS ∞ ROTATE: 11870-11966' SLIDE: 11966-11970' @ 45L ∞ SLIDE: 11970-11985' @ 15L ROTATE: 11985-11998' ∞ SLIDE: 11998-12018' @ 10-20L ROTATE: 12018-12029' ∞ SLIDE: 12029-12049' @ HS ROTATE: 12049-12061' ∞ SLIDE: 12061-12076' @ 45L ROTATE: 12076-12157' ∞ SLIDE: 12157-12172' @ 90L ROTATE: 12172-12188' ∞ SLIDE: 12188-12208' @ 30L ROTATE: 12208-12221' ∞ BEGIN SLIDING @ 12221' @ HS @ REPORT TIME.</p> <p>PUMP PRESSURES: 1350 PSI (OFF BOTTOM), 1500-1550 PSI (SLIDING & ROTATING) ∞ DRILL WITH 25% RETURNS LAST 24 HRS. 5800 TOTAL BBLs. FLUID LOST LAST 24 HRS. ∞ TRACE OF OIL @ FLOWLINE WITH PARTIAL RETURNS. ∞ NO TIGHT CONNECTIONS LAST 24 HRS. ∞ HAVING TO HAUL FRESH WATER FROM CREEK WITH 2-3 TRUCKS IN ADDITION TO VOLUME BEING PUMPED TO KEEP UP WITH PUMP RATE/LOST RETURNS ∞</p> <p>DRLG./24 HRS.:20.75 HRS./CUM.:106.75 HRS. ∞ RIG FUEL DELS./24 HRS.:0 GALS./CUM.:14499 GALS. ∞ 33.75 CUM. ROT. HRS. ON BHA SINCE LAST INSP. ∞ MTR. SN. 475-103/30.25 HRS. DRLG./38.25 HRS. ON PUMP / MTR. SN. 475-104/30.5 HRS. DRLG./35.5</p>
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OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
AFE No. :021144
FIELD :LODGEPOLE TWIN CREEK

WELL No. :
API No. :43-043-30301
RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 11 TO REPORT No. 17

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
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HRS. ON PUMP \\\ MWD TOOL/35.5 HRS. ON
PUMP/40.0 HRS. IN HOLE \\\ CORR. RING # B69 @
TOP OF BHA; IN @ 1900 HRS. 7/26/95 @ 11468';
106.0 CUM. HRS. OF EXP. / CORR. RING #8899 @
SAVER SUB; IN @ 1900 HRS. 7/27/95 @ 11468';
82.0 CUM. HRS. OF EXP. \\\ ROTATING HEAD
RBBR. #1/16.75 ROT. HRS./35.5 HRS. INSTALLED.

WEATHER: CLEAR, CALM, 43 DEG. F., NO NEW
PRECIP. LAST 24 HRS./LOC. & ACCESS: GOOD/DRY.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

1. Type of Well: OIL () GAS (X) OTHER:		5. Lease Designation and Serial No. Fee
2. Name of Operator Union Pacific Resources Company		6. If Indian, Allottee or Tribe Name NA
3. Address and Telephone Number P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007 Telephone (817) 877-6000 (Main Number)		7. Unit Agreement Name NA
4. Location of Well Footage 711' FSL, 552' FWL Section 34, T. 2 N., R. 6 E., OO. Sec., T., R., M.		8. Well Name and Number Judd 34-1H Redrill
		9. API Well Number 43-043-30301
		10. Field and Pool, or Wildcat Lodgepole
		County Summit State Utah

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot of Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Test	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off Shutoff
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shutoff	<input checked="" type="checkbox"/> Other: Weekly Progress Report	
<input type="checkbox"/> Other:		Date of work completion _____	
Approximate date work will start:		Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weekly Progress Report No. 4, Week Ending August 7, 1995

Well spudded on actual redrill operations July 24, 1995

Please see accompanying Daily Operations Summaries for detail.

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"
If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W.F. Brazelton Title: Senior Regulatory Analyst Date: 95-08-08

(This space for State use only)

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 18 TO REPORT No. 24

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
08/01/95	12523	05:00 05:00	<p>DRILL & SURVEY 12221-12523' DRILL ROTATE - 232'/19.7 FPH DRILL SLIDE - 70'/7.0 FPH MWD SURVEYS</p> <p>SLIDE: 12221-12235' @ HS \\\ ROTATE: 12235-12252' SLIDE: 12252-12267' @ HS \\\ ROTATE: 12267-12284' SLIDE: 12284-12304' @ 80L \\\ ROTATE: 12304-12316' SLIDE: 12316-12330' @ HS \\\ ROTATE: 12330-12423' SLIDE: 12423-12428' @ LS \\\ ROTATE: 12428-12523'</p> <p>PUMP PRESSURES: 1500 PSI (OFF BOTTOM), 1650 PSI (SLIDING), 1800 PSI (ROTATING) \\\ DRILL WITH 35% RETURNS LAST 24 HRS. 5040 TOTAL BBLs. FLUID LOST LAST 24 HRS. \\\ TRACE OF OIL @ FLOWLINE WITH PARTIAL RETURNS. \\\ NO TIGHT CONNECTIONS LAST 24 HRS. \\\ HAVING TO HAUL FRESH WATER FROM CREEK WITH 2-3 TRUCKS IN ADDITION TO VOLUME BEING PUMPED TO KEEP UP WITH PUMP RATE/LOST RETURNS \\\</p> <p>DRLG./24 HRS.:21.75 HRS./CUM.:128.5 HRS. \\\ RIG FUEL DELS./24 HRS.:0 GALS./CUM.:14499 GALS. \\\ 45.5 CUM. ROT. HRS. ON BHA SINCE LAST INSP. \\\ MTR. SN. 475-104/52.25 HRS. DRLG./59.5 HRS. ON PUMP \\\ MWD TOOL/59.5 HRS. ON PUMP/64.0 HRS. IN HOLE \\\ CORR. RING # B69 @ TOP OF BHA; IN @ 1900 HRS. 7/26/95 @ 11468'; 130.0 CUM. HRS. OF EXP. / CORR. RING #8899 @ SAVER SUB; IN @ 1900 HRS. 7/27/95 @ 11468'; 106.0 CUM. HRS. OF EXP. \\\ ROTATING HEAD RBBR. #1/28.5 ROT. HRS./59.5 HRS. INSTALLED.</p> <p>WEATHER: CLEAR, CALM, 50 DEG. F., NO NEW PRECIP. LAST 24 HRS./LOC. & ACCESS: GOOD/DRY.</p>
08/02/95	12745	05:00 01:00	<p>DRILL & SURVEY 12523-12742' DRILL ROTATE - 195'/17.0 FPH DRILL SLIDE - 22'/3.4 FPH MWD SURVEYS</p> <p>ROTATE: 12523-12538' \\\ SLIDE: 12538-12546' @ 150-170L ROTATE: 12546-12556' \\\ SLIDE: 12556-12564' @ 150-170L ROTATE: 12564-12601' \\\ SLIDE: 12601-12604' @ HS ROTATE: 12604-12697' \\\ SLIDE: 12697-12702' @ 150L ROTATE: 12702-12742'</p>

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 18 TO REPORT No. 24

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
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			<p>SLIDE @ 12538-12546' VERY SLOW, ROTATE 12546-12556' WHILE MIXING & SPOTTING POLYMER, ENVIRO TORQUE, & 8 PPB LUBRA BEAD PILL IN OPEN HOLE, WORK BEADS W/PUMPS OFF & RESUME SLIDING 12556-12564'. SLIDE @ 12697-12702' @ 150L ALSO VERY SLOW, ROTATE 12702-12728' & SURVEY TO SEE IF ROTATION WOULD PROVIDE ENOUGH DROP RATE WITHOUT SLIDING - DID NOT. ROTATE 12728-12742' WHILE MIXING & SPOTTING POLYMER, ENVIRO TORQUE, & 8 PPB LUBRA BEAD PILL IN OPEN HOLE.</p>
		01:00 03:00	WIPER TRIP/SHORT TRIP - SHORT TRIP 20 STANDS INTO CASING, PULLED 40M# OVER STRING WEIGHT W/BIT @ 11092' ON TRIP OUT, NO OTHER TIGHT SPOTS ON TRIP OUT OR BACK IN.
		03:00 04:00	CIRCULATE - TO REGAIN ENOUGH PRESSURE TO OBTAIN MWD SIGNAL/ORIENT.
		04:00 05:00	DRILL SLIDE 12742-12745' @ 150L - 3'/3.0 FPH.
			<p>PUMP PRESSURES: 1650 PSI (OFF BOTTOM), 1850 PSI (SLIDING), 1950 PSI (ROTATING) ∞ DRILL WITH 35% RETURNS LAST 24 HRS. 5300 TOTAL BBLs. FLUID LOST LAST 24 HRS. ∞ TRACE OF OIL @ FLOWLINE WITH PARTIAL RETURNS. ∞ NO TIGHT CONNECTIONS LAST 24 HRS. ∞ HAVING TO HAUL FRESH WATER FROM CREEK WITH 2-3 TRUCKS IN ADDITION TO VOLUME BEING PUMPED TO KEEP UP WITH PUMP RATE/LOST RETURNS ∞ WATER METER READING @ 0500 HRS. 8/2/95: 228370</p>
08/03/95	12839	05:00 14:00	<p>WEATHER: CLEAR, CALM, 68 DEG. F., NO NEW PRECIP. LAST 24 HRS./LOC. & ACCESS: GOOD/DRY. DRILL & SURVEY 12745-12839' DRILL ROTATE - 79'/13.7 FPH DRILL SLIDE - 15'/6.7 FPH MWD SURVEYS</p>
			<p>SLIDE: 12745-12760' @ 150L ∞ ROTATE: 12760-12839'</p>
		14:00 18:00	ROP SLOWING TO 15 MPF WHILE ROTATING. SUSPECT BIT DULL. TRIP - TOO H FOR BIT #9. NO TIGHT SPOTS ON TOO H. MOTOR OK, BIT WORN.
		18:00 19:30	PU/LD BHA & TOOLS - CHANGE OUT MOTOR & MWD TOOL, TEST MOTOR & MWD TOOL - OK, INSTALL NEW BIT.
		19:30 23:00	TRIP - TIH, TAG UP @ 12290', PICK UP KELLY TO REAM.
		23:00 24:00	CIRCULATE - NO RETURNS, PUMP TO FILL PIPE & OBTAIN ENOUGH STANDPIPE PRESSURE TO OPERATE MWD TOOL & MOTOR.
		24:00 05:00	WASH/REAM - ATTEMPT TO WASH THROUGH TIGHT SPOTS 12290-12338'. REAM DOWN, PIPE WOULD BEGIN TO TORQUE UP, ATTEMPT TO PULL BACK UP & WOULD

OPERATION SUMMARY REPORT

WELLNAME : JUDD 34-1H (RE)
 AFE No. : 021144
 FIELD : LODGEPOLE TWIN CREEK

WELL No. :
 API No. : 43-043-30301
 RIG : SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 18 TO REPORT No. 24

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			<p>BECOME STUCK, WORK FREE. PUMPING POLYMER SWEEPS WHILE REAMING TO HELP CLEAN HOLE. ACTS LIKE CUTTINGS OR CHUNKS OF FORMATION GETTING BEHIND BIT & PACKING OFF. REGAINED RETURNS AFTER 2 HRS. OF PUMPING. NOW RUNNING ABOUT 30% RETURNS.</p> <p>PUMP PRESSURES (BIT #8): 1650 PSI (OFF BOTTOM), 1850 PSI (SLIDING), 1950 PSI (ROTATING) \\\</p> <p>35% RETURNS WHILE DRILLING LAST 24 HRS., 3500 TOTAL</p> <p>BBLs. FLUID LOST LAST 24 HRS. \\\ TRACE OF OIL @ FLOWLINE WITH PARTIAL RETURNS, NO GAS SHOWS LAST 24 HRS.</p> <p>\\\ NO TIGHT CONNECTIONS WHILE DRILLING LAST 24 HRS. \\\</p> <p>HAVING TO HAUL FRESH WATER FROM CREEK WITH 2-3 TRUCKS IN ADDITION TO VOLUME BEING PUMPED TO KEEP UP WITH PUMP RATE/LOST RETURNS \\\ WATER METER READING @ 0500 HRS. 8/2/95: 229275 \\\ MUD LOGGER (LOGRITE) BACK IN OPERATION @ 0900 HRS. 8/2/95 \\\ NEW TOOL INTERVALS: BIT TO SURVEY PROBE - 57', BIT TO GR PROBE - 65'.</p>
08/04/95	12870	05:00 18:00	<p>WEATHER: CLEAR, CALM, 65 DEG. F., NO NEW PRECIP. LAST 24 HRS./LOC. & ACCESS: GOOD/DRY. WASH/REAM 12290-12839' - ATTEMPT TO TIH WITH REST OF STRING TO TD, KEPT ENCOUNTERING TIGHT SPOTS ON EVERY JOINT. ACTED LIKE PUSHING SOMETHING AHEAD OF BIT + OUT OF GAUGE HOLE. ENDED UP HAVING TO REAM EVERY JOINT UNTIL CLEAN TO GET TO TD.</p>
		18:00 19:00	<p>DRILL SLIDE 12839-12840' - ATTEMPT TO SLIDE @ 150L. UNABLE TO GET WEIGHT TO BIT/DIFFERENTIAL PRESSURE ON BOTTOM. DECIDE TO ROTATE AHEAD, THEN RE ATTEMPT SLIDE.</p>
		19:00 21:15	<p>DRILL ROTATE 12840-12855' - 15'/6.7 FPH. ROP VERY SLOW. INITIALLY HAD HIGH TORQUE & UNABLE TO GET DIFFERENTIAL PRESSURE ON BOTTOM, THEN TORQUE REDUCED & ABLE TO PUT 250 PSI DIFFERENTIAL PRESSURE ON BOTTOM, BUT ROP STILL UNUSUALLY SLOW.</p>
		21:15 21:30	<p>MWD SURVEY @ 12799' - 88.9 DEG. INC., 36.5 DEG. AZ.</p>
		21:30 23:00	<p>DRILL ROTATE 12855-12870' - 15'/10.0 FPH. ROP SLOWING TO 15 MPF. SUSPECT BIT WORN FROM REAMING OR SOMETHING WRONG WITH MOTOR.</p>
		23:00 24:00	<p>TRIP - TOOH TO CHECK BIT & MOTOR. PULLED 20M# OVER STRING WEIGHT WITH BIT @ 12160', NO OTHER TIGHT SPOTS OR ABNORMAL DRAG IN OPEN HOLE. HIT TIGHT</p>
		24:00 05:00	<p>SPOT & STUCK STRING INSIDE INTERMEDIATE CASING WITH BIT @ DEPTH OF 10398'. ATTEMPT TO WORK THROUGH TIGHT SPOT IN CASING - TIGHT SPOT CORRESPONDS WITH SALT SECTION 10396-10408', AND WITH INTERMEDIATE CASING</p>

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 18 TO REPORT No. 24

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
08/05/95	12870	05:00 07:00	CONNECTION @ 10397'. UNABLE TO WORK UP THROUGH, WORK BACK DOWN, PIPE FELL FREE DOWN. ATTEMPT TO ROTATE STRING TO DIFFERENT POSITIONS & WORK BACK UP, BUT COULD NOT GET PAST 10398'. TIH TO GET BIT & MOTOR IN OPEN HOLE, PUMP THROUGH STRING & ROTATE AT SURFACE, TOOH, STILL NOT ABLE TO GET PAST 10398'. CONTINUE TO ATTEMPT TO WORK THROUGH TIGHT SPOT WHILE WAITING ON FISHING & WIRELINE TOOLS. PUMP PRESSURES: 1325 PSI (OFF BOTTOM), 1550 PSI (SLIDING & ROTATING) \\\ 35-60% RETURNS WHILE DRILLING LAST 24 HRS., 3500 TOTAL BBLs. FLUID LOST LAST 24 HRS. \\\ TRACE OF OIL @ FLOWLINE WITH PARTIAL RETURNS, NO GAS SHOWS LAST 24 HRS. \\\ HAVING TO HAUL FRESH WATER FROM CREEK WITH 2-3 TRUCKS IN ADDITION TO VOLUME BEING PUMPED TO KEEP UP WITH PUMP RATE/LOST RETURNS \\\ WATER METER READING @ 0500 HRS. 8/4/95: 249556 \\\ MAJORITY OF MUD USAGE ON TODAY'S REPORT IS AN INVENTORY ADJUSTMENT \\\ WEATHER: CLEAR, CALM, 60 DEG. F., NO NEW PRECIP. LAST 24 HRS./LOC. & ACCESS: GOOD/DRY.
		07:00 08:00	ATTEMPT TO WORK THROUGH TIGHT SPOT IN CASING - CONTINUE TO ATTEMPT TO WORK THROUGH TIGHT SPOT IN INTERMEDIATE CASING @ 10398'. TRIP - TRIP BACK IN HOLE TO TOTAL DEPTH. NO TIGHT SPOTS ON TIH.
		08:00 13:00	CIRCULATE - CIRCULATE & CLEAN HOLE WITH POLYMER SWEEPS WHILE WAITING ON WIRELINE TRUCK. DIALOG ON LOCATION @ 1130 HRS. 8/4/95. CONT'D CIRCULATING UNTIL FIRST SWEEPS SEEN @ SURFACE, MIX & SPOT POLYMER PILL WITH 8 PPB LUBRA BEADS IN OPEN HOLE.
		13:00 21:30	RUN FREEPOINT/BACKOFF - RIG UP DIALOG & RUN FREEPOINT INDICATOR IN HOLE TO FIND NEUTRAL WEIGHT & COLLAR LOCATION/DETERMINE IF STRING WOULD HOLD ENOUGH TORQUE TO BACK OFF. TOOH & PICK UP STRING SHOT, SET @ CONNECTION @ 10883', ATTEMPT TO WORK 8 ROUNDS BACK TORQUE INTO STRING, STRING BROKE BEFORE SHOT FIRED, TOOH WITH SHOT, TORQUE STRING BACK UP FROM SURFACE, PICK UP STRING SHOT, TIH TO 10883', WORK 5 ROUNDS BACK TORQUE INTO STRING, FIRE SHOT, STRING BACKED OFF @ 10883', PICK UP STRING & CONFIRMED BREAK, TOOH & LD WIRELINE TOOLS.
		21:30 00:30	TRIP - TOOH WITH DRILLPIPE. UPDRAG DECREASED 15M# ON TOOH WITH END OF STRING @ 10440'. SLM SHOWS TOP OF FISH @ 10860.93'. LEFT 59 JTS. DRILLPIPE, DIRECTIONAL ASSEMBLY, & BIT IN HOLE.
		00:30 05:00	WIRELINE WORK - RIG UP & RUN MINIMUM ID CASING INSPECTION LOG ON INTERMEDIATE STRING. \\\ PUMP PRESSURES: 1400 PSI (OFF BOTTOM) \\\ 60% RETURNS WHILE PUMPING LAST 24 HRS., 1000 TOTAL

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :Lodgepole Twin Creek

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 18 TO REPORT No. 24

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
08/06/95	12870	05:00 17:00	<p>BBLs. FLUID LOST LAST 24 HRS. ∞ TRACE OF OIL @ FLOWLINE WITH PARTIAL RETURNS, NO GAS SHOWS LAST 24 HRS. ∞ ∞ ∞ WATER METER READING @ 0500 HRS. 8/5/95: 259434 ∞ ∞ ∞ DRLG./24 HRS.:0.0 HRS./CUM.:160.75 HRS. ∞ ∞ RIG FUEL DELS./24 HRS.:0 GALS./CUM.:16099 GALS. ∞ ∞ 79.5 CUM. ROT. HRS. ON BHA SINCE LAST INSP. ∞ ∞ MTR. SN. 475-104/79.75 HRS. DRLG./91.0 HRS. ON PUMP / MTR. SN. 475-102A/ 4.75 HRS. DRLG./30.0 HRS. ON PUMP ∞ ∞ MWD TOOL/24.0 HRS. ON PUMP/57.5 HRS. IN HOLE ∞ ∞ CORR. RING # B69 @ TOP OF BHA; IN @ 1900 HRS. 7/26/95 @ 11468', OUT @ 1900 HRS. 8/2/95 @ 12839'; 168.0 CUM. HRS. OF EXP. / CORR. RING #B58 @ TOP OF BHA; IN @ 1900 HRS. 8/2/95 @ 12839'; 58.0 CUM. HRS. OF EXP. / CORR. RING #8899 @ SAVER SUB; IN @ 1900 HRS. 7/27/95 @ 11468', OUT @ 1900 HRS. 8/2/95 @ 12839'; 144.0 CUM. HRS. OF EXP. ∞ ∞ ROTATING HEAD RBBR. #1/45.75 ROT. HRS./96.5 HRS. INSTALLED / RBBR. #2/16.75 ROT. HRS./64.75 HRS. INSTALLED ∞ ∞ WEATHER: CLEAR, CALM, 55 DEG. F., NO NEW PRECIP. LAST 24 HRS.</p> <p>WIRELINE WORK - FINISHED RUNNING MINIMUM ID CASING INSPECTION LOG, RU & RUN DIALOG CASING PROFILE LOG, RD DIALOG, RU OWP & RUN GAMMA RAY & CASING COLLAR CORRELATION LOG, RD OWP. LOGS SHOW EGG SHAPED COLLAPSE IN INTERMEDIATE CASING 10392-10402' IMMEDIATELY ABOVE PREUSS SALT 10400-10414'. LOGS INDICATE COLLAPSED AREA IS A MINIMUM 6 1/8" X MAXIMUM 6 19/32". (FLUID LEVEL OBSERVED @ 8500' FROM SURFACE ON TOOH W/GR TOOL).</p> <p>17:00 18:00 SLIP & CUT DRILL LINE - 115'. 18:00 18:30 PU/LD BHA & TOOLS - PU 6 1/4" SWAGE, 5 STANDS 4 3/4" DC'S IN DERRICK & JARS. 18:30 22:00 TRIP - TIH WITH 6 1/4" SWAGE TO WORK COLLAPSED AREA IN INTERMED. CASING BACK OPEN. TIH TO 10859' (TOP OF FISH) WITHOUT ENCOUNTERING ANY OBSTRUCTIONS. 22:00 01:30 TRIP - TOOH WITH 6 1/4" SWAGE. 01:30 02:00 PU/LD BHA & TOOLS - LD 6 1/4" SWAGE, PU 6 1/2" SWAGE. 02:00 05:00 TRIP - TIH W/ 6 1/2" SWAGE TO TO WORK COLLAPSED AREA IN INTERMED. CASING.</p> <p>FISH IN HOLE CONSISTS OF 59 JTS. 4" DRILLPIPE, DIRECTIONAL BHA, & PDC BIT/TOTAL LENGTH: 2012.28' ∞ ∞ LOST APPROX. 100 BBLs. FLUID LAST 24 HRS. WHILE RUNNING WATER IN HOLE FOR WELL CONTROL ∞ ∞ NO RETURNS LAST 24 HRS. ∞ ∞ WATER METER READING @ 0500 HRS. 8/5/95: 260506 ∞ ∞ MUD LOGGER & SPERRY PERSONNEL PUT ON STANDBY @ 0830 HRS.</p>

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 18 TO REPORT No. 24

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			<p>8/5/95.</p> <p>DRLG./24 HRS.:0.0 HRS./CUM.:160.75 HRS. ∟∟∟ RIG FUEL DELS./24 HRS.:0 GALS./CUM.:16099 GALS. ∟∟∟ 79.5 CUM. ROT. HRS. ON BHA SINCE LAST INSP. ∟∟∟ MTR. SN. 475-102A/ 4.75 HRS. DRLG./30.0 HRS. ON PUMP ∟∟∟ MWD TOOL/24.0 HRS. ON PUMP/81.5 HRS. IN HOLE ∟∟∟ CORR. RING #B58 @ TOP OF BHA; IN @ 1900 HRS. 8/2/95 @ 12839'; 82.0 CUM. HRS. OF EXP. ∟∟∟ ROTATING HEAD RBBR. #2/16.75 ROT. HRS./64.75 HRS. INSTALLED</p> <p>WEATHER: CLEAR, WINDS 5-10/SW, 72 DEG. F., NO NEW PRECIP. LAST 24 HRS. / LOC. & ACCESS: DRY/GOOD.</p>
08/07/95	12870	05:00 06:00	<p>TRIP - CONT'D TIH W/ 6 1/2" SWAGE. TAG FIRST TIGHT SPOT @ 8997'.</p>
		06:00 08:30	<p>SWAGE OUT CASING - WORK THROUGH VARIOUS TIGHT SPOTS 8997-10395'. TAG COLLAPSED AREA @ 10395'. ATTEMPT TO SWAGE OUT COLLAPSED AREA @ 10395' FOR 1 HOUR WITH NO PROGRESS, VERY TIGHT PULLING UP (HAVING TO JAR/PULL 300000-350000# TO COME LOOSE).</p>
		08:30 12:00	<p>TRIP - TOOH FOR SMALLER OD SWAGE. 6 1/2" SWAGE HEAVILY MARKED. LD & SEND IN 6 1/2" SWAGE TO MACHINE DOWN GAUGE FROM 9" TO 4". PU 6 3/8" SWAGE.</p>
		12:00 16:00	<p>TRIP - TIH W/ 6 3/8" SWAGE TO 10859' (TOP OF FISH) WITHOUT ENCOUNTERING ANY OBSTRUCTIONS.</p>
		16:00 20:30	<p>TRIP - TOOH W/ 6 3/8" SWAGE.</p>
		20:30 23:30	<p>TRIP - PU 6 1/2" SWAGE WITH 4" GAUGE AREA, TIH. NO TIGHT SPOTS.</p>
		23:30 05:00	<p>TAG UP ON COLLAPSED AREA @ 10395'. SWAGE OUT CASING - ATTEMPT TO SWAGE OUT COLLAPSED CASING. HAVE BEEN ABLE TO DRIVE SWAGE TO 10398', BUT PIPE DOES NOT APPEAR TO BE STAYING OPEN. THE DEEPER THE SWAGE IS DRIVEN INTO COLLAPSED AREA, THE MORE PULL REQUIRED TO PULL OUT (CURRENTLY 360,000#), BUT STILL TAG UP WITH STRING FREE WEIGHT AT 10395-10396'.</p>
			<p>FISH IN HOLE CONSISTS OF 59 JTS. 4" DRILLPIPE, DIRECTIONAL BHA, & PDC BIT/TOTAL LENGTH: 2012.28' ∟∟∟ LOST APPROX. 100 BBLs. FLUID LAST 24 HRS. WHILE RUNNING WATER IN HOLE FOR WELL CONTROL ∟∟∟ NO RETURNS LAST 24 HRS. ∟∟∟ WATER METER READING @ 0500 HRS. 8/5/95: 260506 ∟∟∟</p>
			<p>DRLG./24 HRS.:0.0 HRS./CUM.:160.75 HRS. ∟∟∟ RIG FUEL DELS./24 HRS.:0 GALS./CUM.:16099 GALS. ∟∟∟ 79.5 CUM. ROT. HRS. ON BHA SINCE LAST INSP. ∟∟∟ MTR. SN. 475-102A/ 4.75 HRS. DRLG./30.0 HRS. ON PUMP</p>

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
AFE No. :021144
FIELD :LODGEPOLE TWIN CREEK

WELL No. :
API No. :43-043-30301
RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 18 TO REPORT No. 24

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
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\\ MWD TOOL/24.0 HRS. ON
PUMP/105.5 HRS. IN HOLE \\
CORR. RING #B58 @
TOP OF BHA; IN @ 1900 HRS. 8/2/95 @ 12839';
106.0 CUM. HRS. OF EXP. \\ ROTATING HEAD
RBBR. #2/16.75 ROT. HRS./64.75 HRS. INSTALLED

WEATHER: CLEAR, WINDS 5-10/SW, 72 DEG. F., NO
NEW
PRECIP. LAST 24 HRS. / LOC. & ACCESS: DRY/GOOD.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well:
OIL () GAS (X) OTHER:

2. Name of Operator
Union Pacific Resources Company

3. Address and Telephone Number
P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-8000 (Main Number)

5. Lease Designation and Serial No.
Fee

6. If Indian, Allottee or Tribe Name
NA

7. Unit Agreement Name
NA

8. Well Name and Number
Judd 34-1H Redrill

9. API Well Number
43-043-30301

10. Field and Pool, or Wildcat
Lodgpole

4. Location of Well
Footages 711' FSL, 552' FWL Section 34, T. 2 N., R. 6 E., County Summit
QQ, Sec., T., R., M. State Utah

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

() Abandonment () New Construction
() Casing Repair () Pull or Alter Casing
() Change of Plans () Recompletion
() Conversion to Injection () Shoot or Acidize
() Fracture Test () Vent or Flare
() Multiple Completion () Water Shutoff
() Other:

Approximate date work will start:

SUBSEQUENT REPORT
(Submit Original Form Only)

() Abandonment * () New Construction
() Casing Repair () Pull or Alter Casing
() Change of Plans () Shoot or Acidize
() Conversion to Injection () Vent or Flare
() Fracture Treat () Water Shut-Off Shutoff
(X) Other: Weekly Progress Report

Date of work completion _____

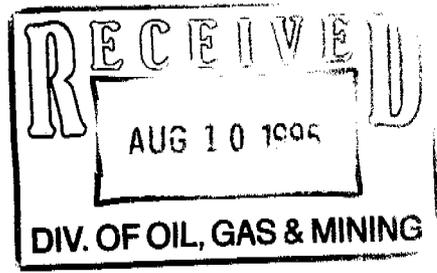
Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weekly Progress Report No. 4, Week Ending August 7, 1995

Well spudded on actual redrill operations July 24, 1995

Please see accompanying Daily Operations Summaries for detail.



PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"
If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.
Name/Signature: W. F. Brazelton *W.F. Brazelton* Title: Senior Regulatory Analyst Date: 95-08-08

(This space for State use only)

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 18 TO REPORT No. 24

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
08/01/95	12523	05:00 05:00	<p>DRILL & SURVEY 12221-12523' DRILL ROTATE - 232'/19.7 FPH DRILL SLIDE - 70'/7.0 FPH MWD SURVEYS</p> <p>SLIDE: 12221-12235' @ HS \\\ ROTATE: 12235-12252' SLIDE: 12252-12267' @ HS \\\ ROTATE: 12267-12284' SLIDE: 12284-12304' @ 80L \\\ ROTATE: 12304-12316' SLIDE: 12316-12330' @ HS \\\ ROTATE: 12330-12423' SLIDE: 12423-12428' @ LS \\\ ROTATE: 12428-12523'</p> <p>PUMP PRESSURES: 1500 PSI (OFF BOTTOM), 1650 PSI (SLIDING), 1800 PSI (ROTATING) \\\ DRILL WITH 35% RETURNS LAST 24 HRS. 5040 TOTAL BBLs. FLUID LOST LAST 24 HRS. \\\ TRACE OF OIL @ FLOWLINE WITH PARTIAL RETURNS. \\\ NO TIGHT CONNECTIONS LAST 24 HRS. \\\ HAVING TO HAUL FRESH WATER FROM CREEK WITH 2-3 TRUCKS IN ADDITION TO VOLUME BEING PUMPED TO KEEP UP WITH PUMP RATE/LOST RETURNS \\\</p> <p>DRLG./24 HRS.:21.75 HRS./CUM.:128.5 HRS. \\\ RIG FUEL DELS./24 HRS.:0 GALS./CUM.:14499 GALS. \\\ 45.5 CUM. ROT. HRS. ON BHA SINCE LAST INSP. \\\ MTR. SN. 475-104/52.25 HRS. DRLG./59.5 HRS. ON PUMP \\\ MWD TOOL/59.5 HRS. ON PUMP/64.0 HRS. IN HOLE \\\ CORR. RING # B69 @ TOP OF BHA; IN @ 1900 HRS. 7/26/95 @ 11468'; 130.0 CUM. HRS. OF EXP. / CORR. RING #8899 @ SAVER SUB; IN @ 1900 HRS. 7/27/95 @ 11468'; 106.0 CUM. HRS. OF EXP. \\\ ROTATING HEAD RBRR. #1/28.5 ROT. HRS./59.5 HRS. INSTALLED.</p> <p>WEATHER: CLEAR, CALM, 50 DEG. F., NO NEW PRECIP. LAST 24 HRS./LOC. & ACCESS: GOOD/DRY.</p>
08/02/95	12745	05:00 01:00	<p>DRILL & SURVEY 12523-12742' DRILL ROTATE - 195'/17.0 FPH DRILL SLIDE - 22'/3.4 FPH MWD SURVEYS</p> <p>ROTATE: 12523-12538' \\\ SLIDE: 12538-12546' @ 150-170L ROTATE: 12546-12556' \\\ SLIDE: 12556-12564' @ 150-170L ROTATE: 12564-12601' \\\ SLIDE: 12601-12604' @ HS ROTATE: 12604-12697' \\\ SLIDE: 12697-12702' @ 150L ROTATE: 12702-12742'</p>

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 18 TO REPORT No. 24

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			<p>SLIDE @ 12538-12546' VERY SLOW, ROTATE 12546-12556' WHILE MIXING & SPOTTING POLYMER, ENVIRO TORQUE, & 8 PPB LUBRA BEAD PILL IN OPEN HOLE, WORK BEADS W/PUMPS OFF & RESUME SLIDING 12556-12564'. SLIDE @ 12697-12702' @ 150L ALSO VERY SLOW, ROTATE 12702-12728' & SURVEY TO SEE IF ROTATION WOULD PROVIDE ENOUGH DROP RATE WITHOUT SLIDING - DID NOT. ROTATE 12728-12742' WHILE MIXING & SPOTTING POLYMER, ENVIRO TORQUE, & 8 PPB LUBRA BEAD PILL IN OPEN HOLE.</p>
		01:00 03:00	WIPER TRIP/SHORT TRIP - SHORT TRIP 20 STANDS INTO CASING, PULLED 40M# OVER STRING WEIGHT W/BIT @ 11092' ON TRIP OUT, NO OTHER TIGHT SPOTS ON TRIP OUT OR BACK IN.
		03:00 04:00	CIRCULATE - TO REGAIN ENOUGH PRESSURE TO OBTAIN MWD SIGNAL/ORIENT.
		04:00 05:00	DRILL SLIDE 12742-12745' @ 150L - 3'/3.0 FPH.
			<p>PUMP PRESSURES: 1650 PSI (OFF BOTTOM), 1850 PSI (SLIDING), 1950 PSI (ROTATING) \\\ DRILL WITH 35% RETURNS LAST 24 HRS. 5300 TOTAL BLS. FLUID LOST LAST 24 HRS. \\\ TRACE OF OIL @ FLOWLINE WITH PARTIAL RETURNS. \\\ NO TIGHT CONNECTIONS LAST 24 HRS. \\\ HAVING TO HAUL FRESH WATER FROM CREEK WITH 2-3 TRUCKS IN ADDITION TO VOLUME BEING PUMPED TO KEEP UP WITH PUMP RATE/LOST RETURNS \\\ WATER METER READING @ 0500 HRS. 8/2/95: 228370</p>
08/03/95	12839	05:00 14:00	<p>WEATHER: CLEAR, CALM, 68 DEG. F., NO NEW PRECIP. LAST 24 HRS./LOC. & ACCESS: GOOD/DRY. DRILL & SURVEY 12745-12839' DRILL ROTATE - 79'/13.7 FPH DRILL SLIDE - 15'/6.7 FPH MWD SURVEYS</p>
			<p>SLIDE: 12745-12760' @ 150L \\\ ROTATE: 12760-12839'</p>
		14:00 18:00	ROP SLOWING TO 15 MPF WHILE ROTATING. SUSPECT BIT DULL. TRIP - TOOH FOR BIT #9. NO TIGHT SPOTS ON TOOH. MOTOR OK, BIT WORN.
		18:00 19:30	PU/LD BHA & TOOLS - CHANGE OUT MOTOR & MWD TOOL, TEST MOTOR & MWD TOOL - OK, INSTALL NEW BIT.
		19:30 23:00	TRIP - TIH, TAG UP @ 12290', PICK UP KELLY TO REAM.
		23:00 24:00	CIRCULATE - NO RETURNS, PUMP TO FILL PIPE & OBTAIN ENOUGH STANDPIPE PRESSURE TO OPERATE MWD TOOL & MOTOR.
		24:00 05:00	WASH/REAM - ATTEMPT TO WASH THROUGH TIGHT SPOTS 12290-12338'. REAM DOWN, PIPE WOULD BEGIN TO TORQUE UP, ATTEMPT TO PULL BACK UP & WOULD

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 18 TO REPORT No. 24

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
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			<p>BECOME STUCK, WORK FREE. PUMPING POLYMER SWEEPS WHILE REAMING TO HELP CLEAN HOLE. ACTS LIKE CUTTINGS OR CHUNKS OF FORMATION GETTING BEHIND BIT & PACKING OFF. REGAINED RETURNS AFTER 2 HRS. OF PUMPING. NOW RUNNING ABOUT 30% RETURNS.</p> <p>PUMP PRESSURES (BIT #8): 1650 PSI (OFF BOTTOM), 1850 PSI (SLIDING), 1950 PSI (ROTATING) \\\ 35% RETURNS WHILE DRILLING LAST 24 HRS., 3500 TOTAL BBLs. FLUID LOST LAST 24 HRS. \\\ TRACE OF OIL @ FLOWLINE WITH PARTIAL RETURNS, NO GAS SHOWS LAST 24 HRS. \\\ NO TIGHT CONNECTIONS WHILE DRILLING LAST 24 HRS. \\\ HAVING TO HAUL FRESH WATER FROM CREEK WITH 2-3 TRUCKS IN ADDITION TO VOLUME BEING PUMPED TO KEEP UP WITH PUMP RATE/LOST RETURNS \\\ WATER METER READING @ 0500 HRS. 8/2/95: 229275 \\\ MUD LOGGER (LOGRITE) BACK IN OPERATION @ 0900 HRS. 8/2/95 \\\ NEW TOOL INTERVALS: BIT TO SURVEY PROBE - 57', BIT TO GR PROBE - 65'.</p> <p>WEATHER: CLEAR, CALM, 65 DEG. F., NO NEW PRECIP. LAST 24 HRS./LOC. & ACCESS: GOOD/DRY.</p>
08/04/95	12870	05:00 18:00	<p>WASH/REAM 12290-12839' - ATTEMPT TO TIH WITH REST OF STRING TO TD, KEPT ENCOUNTERING TIGHT SPOTS ON EVERY JOINT. ACTED LIKE PUSHING SOMETHING AHEAD OF BIT + OUT OF GAUGE HOLE. ENDED UP HAVING TO REAM EVERY JOINT UNTIL CLEAN TO GET TO TD.</p>
		18:00 19:00	<p>DRILL SLIDE 12839-12840' - ATTEMPT TO SLIDE @ 150L. UNABLE TO GET WEIGHT TO BIT/DIFFERENTIAL PRESSURE ON BOTTOM. DECIDE TO ROTATE AHEAD, THEN RE ATTEMPT SLIDE.</p>
		19:00 21:15	<p>DRILL ROTATE 12840-12855' - 15'/6.7 FPH. ROP VERY SLOW. INITIALLY HAD HIGH TORQUE & UNABLE TO GET DIFFERENTIAL PRESSURE ON BOTTOM, THEN TORQUE REDUCED & ABLE TO PUT 250 PSI DIFFERENTIAL PRESSURE ON BOTTOM, BUT ROP STILL UNUSUALLY SLOW.</p>
		21:15 21:30	<p>MWD SURVEY @ 12799' - 88.9 DEG. INC., 36.5 DEG. AZ.</p>
		21:30 23:00	<p>DRILL ROTATE 12855-12870' - 15'/10.0 FPH. ROP SLOWING TO 15 MPF. SUSPECT BIT WORN FROM REAMING OR SOMETHING WRONG WITH MOTOR.</p>
		23:00 24:00	<p>TRIP - TOO H TO CHECK BIT & MOTOR. PULLED 20M# OVER STRING WEIGHT WITH BIT @ 12160', NO OTHER TIGHT SPOTS OR ABNORMAL DRAG IN OPEN HOLE. HIT TIGHT SPOT & STUCK STRING INSIDE INTERMEDIATE CASING WITH BIT @ DEPTH OF 10398'.</p>
		24:00 05:00	<p>ATTEMPT TO WORK THROUGH TIGHT SPOT IN CASING - TIGHT SPOT CORRESPONDS WITH SALT SECTION 10396-10408', AND WITH INTERMEDIATE CASING</p>

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 18 TO REPORT No. 24

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
08/05/95	12870	05:00 07:00	CONNECTION @ 10397'. UNABLE TO WORK UP THROUGH, WORK BACK DOWN, PIPE FELL FREE DOWN. ATTEMPT TO ROTATE STRING TO DIFFERENT POSITIONS & WORK BACK UP, BUT COULD NOT GET PAST 10398'. TIH TO GET BIT & MOTOR IN OPEN HOLE, PUMP THROUGH STRING & ROTATE AT SURFACE, TOOH, STILL NOT ABLE TO GET PAST 10398'. CONTINUE TO ATTEMPT TO WORK THROUGH TIGHT SPOT WHILE WAITING ON FISHING & WIRELINE TOOLS. PUMP PRESSURES: 1325 PSI (OFF BOTTOM), 1550 PSI (SLIDING & ROTATING) \\\ 35-60% RETURNS WHILE DRILLING LAST 24 HRS., 3500 TOTAL
		07:00 08:00	BBLs. FLUID LOST LAST 24 HRS. \\\ TRACE OF OIL @ FLOWLINE WITH PARTIAL RETURNS, NO GAS SHOWS LAST 24 HRS. \\\ HAVING TO HAUL FRESH WATER FROM CREEK WITH 2-3 TRUCKS IN ADDITION TO VOLUME BEING PUMPED TO KEEP UP WITH PUMP RATE/LOST RETURNS \\\ WATER METER READING @ 0500 HRS. 8/4/95: 249556 \\\ MAJORITY OF MUD USAGE ON TODAY'S REPORT IS AN INVENTORY ADJUSTMENT \\\ WEATHER: CLEAR, CALM, 60 DEG. F., NO NEW PRECIP. LAST 24 HRS./LOC. & ACCESS: GOOD/DRY.
		08:00 13:00	ATTEMPT TO WORK THROUGH TIGHT SPOT IN CASING - CONTINUE TO ATTEMPT TO WORK THROUGH TIGHT SPOT IN INTERMEDIATE CASING @ 10398'. TRIP - TRIP BACK IN HOLE TO TOTAL DEPTH. NO TIGHT SPOTS ON TIH. CIRCULATE - CIRCULATE & CLEAN HOLE WITH POLYMER SWEEPS WHILE WAITING ON WIRELINE TRUCK. DIALOG ON LOCATION @ 1130 HRS. 8/4/95. CONT'D CIRCULATING UNTIL FIRST SWEEPS SEEN @ SURFACE, MIX & SPOT POLYMER PILL WITH 8 PPB LUBRA BEADS IN OPEN HOLE.
		13:00 21:30	RUN FREEPOINT/BACKOFF - RIG UP DIALOG & RUN FREEPOINT INDICATOR IN HOLE TO FIND NEUTRAL WEIGHT & COLLAR LOCATION/DETERMINE IF STRING WOULD HOLD ENOUGH TORQUE TO BACK OFF. TOOH & PICK UP STRING SHOT, SET @ CONNECTION @ 10883', ATTEMPT TO WORK 8 ROUNDS BACK TORQUE INTO STRING, STRING BROKE BEFORE SHOT FIRED, TOOH WITH SHOT, TORQUE STRING BACK UP FROM SURFACE, PICK UP STRING SHOT, TIH TO 10883', WORK 5 ROUNDS BACK TORQUE INTO STRING, FIRE SHOT, STRING BACKED OFF @ 10883', PICK UP STRING & CONFIRMED BREAK, TOOH & LD WIRELINE TOOLS.
		21:30 00:30	TRIP - TOOH WITH DRILLPIPE. UPDRAG DECREASED 15M# ON TOOH WITH END OF STRING @ 10440'. SLM SHOWS TOP OF FISH @ 10860.93'. LEFT 59 JTS. DRILLPIPE, DIRECTIONAL ASSEMBLY, & BIT IN HOLE.
		00:30 05:00	WIRELINE WORK - RIG UP & RUN MINIMUM ID CASING INSPECTION LOG ON INTERMEDIATE STRING. \\\ PUMP PRESSURES: 1400 PSI (OFF BOTTOM) \\\ 60% RETURNS WHILE PUMPING LAST 24 HRS., 1000 TOTAL

8-9-95 DR

5

OVERTHRUST TEAM DISTRIBUTION SHEET

FROM: W. F. (Bill) Brazelton
MS 3006
EXT. 7952

DATE: 95-08-09
NEED BY: 95-08-09
FED.EXP.: X PM
REG.MAIL:
Inter. Co.

SUBJEC: Weekly Progress Report No. 4, Week Ending August 7, 1995

WELL: Judd 34-1H Redrill

COUNTY: Summit County, UT

Carolyn Fluman
MS 2602 Ext. 6467

Ross Matthews
MS 3706 Ext. 6763

W. E. Charles
MS 3606 Ext. 7678

W.F.B.
MS 3006 Ext. 7952

Chuck Traxler
MS 3903 Ext. 6761

Jim Neuner
MS 3409 Ext. 7827

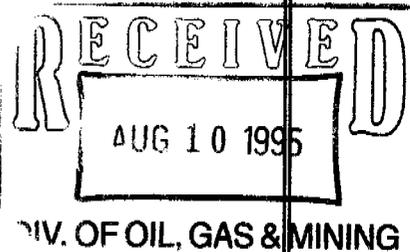
Pat STEVENS
MS 3703 Ext. 7934

Record Center MS A106

Addressee

Regulatory File

Viewstar



DIV. OF OIL, GAS & MINING

Original cc

Mike Hebertson/Frank Matthews
Division of Oil, Gas and Mining
Utah Department of Natural Resources
3 Triad Center - Suite 350
355 West North Temple Street
Salt Lake City, Utah 84190
(801) 538-5340
(801) 359-3940 (Fax)

ATTN:
Bureau of Land Management
Utah District Office
324 South State Street
Salt Lake City, Utah 84111-2302
(801) 539-4001
FAX (801) 539-4200

Dan Washington
Bureau of Land Management
Salt Lake District
2376 2300 West
Salt Lake City, Utah 84199
(801) 977-4300
FAX (801)

Attn: Ron Summers
Prime Operating Company
2900 Wilcrest Drive - Suite 475
Houston, TX 77042
(713) 735-0000

Paul Smith
Union Pacific Resources Company
4940 East Chalk Creek Road
Coalville, UT 84017-0527
(801) 336-5631
(801) 336-5635 (Fax)

Gary Torres
Bureau of Land Management
Moab District Office
82 East Dogwood - Suite M
Moab, UT 84532
(801) 259-6111

Pete Straub
Union Pacific Resources Company
86 Allegiance Circle
Evanston, WY 82930
(307) 789-1573
(307) 789-1575 (Fax)

Marty Talbott
Union Pacific Resources
2515 Foothill
Rock Springs, WY 82901
(307) 352-6023
8-352-6023
Fax (307) 352-6071

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

AUG 17 1995

5. Lease Designation and Serial No.	Fee
6. If Indian, Allottee or Tribe Name	NA
7. Unit Agreement Name	NA
8. Well Name and Number	Judd 34-1H Redrill
9. API Well Number	43-043-30301
10. Field and Pool, or Wildcat	Lodgepole

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

1. Type of Well: OIL () GAS (X) OTHER:

2. Name of Operator
Union Pacific Resources Company

3. Address and Telephone Number
P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

CONFIDENTIAL

4. Location of Well
Footages 711' FSL, 552' FWL Section 34, T. 2 N., R. 6 E., County Summit
QQ. Sec. T., R., M. State Utah

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Test	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off Shutoff
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shutoff	<input checked="" type="checkbox"/> Other: Weekly Progress Report	
<input type="checkbox"/> Other:			

Approximate date work will start: _____

Date of work completion: _____

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weekly Progress Report No. 5, Week Ending August 14, 1995

Well spudded on actual redrill operations July 24, 1995

Please see accompanying Daily Operations Summaries for detail.

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"
If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W.F. Brazelton Title: Senior Regulatory Analyst Date: 95-08-14

(This space for State use only)

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 25 TO REPORT No. 31

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY	
08/08/95	12870	05:00 13:00	SWAGE OUT CASING - CONTINUED SWAGING OUT COLLAPSED SECTION OF INTERMEDIATE CASING. BEGAN MAKING PROGRESS DOWN AFTER 2 MORE HOURS OF WORKING SWAGE. HAVING TO PULL 370,000-380,000# TO PULL OUT. AFTER A TOTAL OF 10.5 HOURS, SWAGE FELL FREE BELOW COLLAPSED SPOT @ 10403'. CONTINUED WORKING SWAGE UP & DOWN THROUGH TIGHT SPOT 10395-10403' FOR ADDITIONAL 2 HOURS BEFORE UPDRAG & DOWNDRAG THROUGH TIGHT SECTION DISAPPEARED. TIH TO TOP OF FISH & BACK UP THROUGH COLLAPSED AREA. PULLED A MOMENTARY 70M# OVER STRING WEIGHT (AFTER 1/2 HR. ELAPSED TIME FOR TIH SINCE LAST TIME WORKED THROUGH). WORK SWAGE THROUGH AREA 3 TIMES & FREE BOTH WAYS.	
		13:00 16:00	TRIP - TOOH TO LD SWAGE. NO OTHER TIGHT SPOTS ON TOOH. STAND BACK 4 3/4" DRILL COLLARS.	
		16:00 17:00	PU/LD BHA & TOOLS - LD 6 1/2" SWAGE (CALIPERED OD @ 6 7/16" OUT OF HOLE). PICK UP JOINT OF OPEN ENDED DRILLPIPE BELOW BUMPER SUB & JARS.	
		17:00 20:30	TRIP - TIH TO RECOVER FISH. NO TIGHT SPOTS. TAG UP ON FISH @ 10859'.	
		20:30 21:30	FISHING - SCREW INTO TOP OF FISH & TORQUE STRING BACK UP. PICK UP. FISH MOVING WITH 60-70M# OVERPULL (10-20M# OVER NORMAL), DID NOT HAVE TO JAR.	
		21:30 02:00	TRIP - TOOH WITH FISH, 0-20M# OVER NORMAL OVERPULL IN OPEN HOLE, MOMENTARY 10M# OVERPULL IN COLLAPSED AREA, NO OTHER TIGHT SPOTS. RECOVERED ENTIRE FISH. BIT IN GAUGE, MOTOR OK, NO SIGNS OF JUNK IN HOLE - NO VISIBLE REASON WHY ASSEMBLY WOULD NOT DRILL.	
		02:00 03:45	PU/LD BHA & TOOLS - LAY DOWN PERFORMANCE MOTOR & 6 1/2" PDC BIT. PICK UP REGULAR ADJUSTABLE MOTOR & 6 1/4" TRI CONE BIT, SET ANGLE @ 1.5 DEG. ON MOTOR, ORIENT MOTOR & MWD TOOL, TEST - OK.	
		03:45 05:00	TRIP - TIH TO RESUME DRILLING AHEAD.	
				LOST APPROX. 100 BBLs. FLUID LAST 24 HRS. WHILE RUNNING WATER IN HOLE FOR WELL CONTROL !!! RETURNS LAST 24 HRS. !!! WATER METER READING @ 0500 HRS. 8/5/95: 260506 !!! TOOL INTERVALS: BIT TO SURVEY PROBE - 50', BIT TO GR PROBE - 57'.
				WEATHER: PARTLY CLOUDY, WINDS 5-10/SW, 57 DEG. F., TRACE PRECIP. (RAIN) LAST 24 HRS. / LOC. & ACCESS: DRY/GOOD.
08/09/95	13092	05:00 08:00	TRIP - CONT'D TIH TO RESUME DRILLING. NO TIGHT SPOTS IN CASING OR IN OPEN HOLE.	
		08:00 10:00	CIRCULATE - TO FILL PIPE/OBTAIN ENOUGH STANDPIPE PRESSURE TO RECEIVE MWD TOOL PULSES WITH LOST CIRC. STARTED GETTING SOME PRESSURE, SIGNAL SPOTTY. DECIDE TO ROTATE AHEAD WHILE WAITING FOR PRESSURE TO INCREASE/SIGNAL TO	

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 25 TO REPORT No. 31

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			IMPROVE.
		10:00 11:00	DRILL ROTATE 12870-12880' - 10'/10.0 FPH.
		11:00 11:30	MWD SURVEY @ 12830' - 89.6 DEG. INC., 36.2 DEG. AZ. MWD SIGNAL NOW STEADY.
		11:30 13:00	LOGGING, OPEN HOLE - RE LOG GAMMA RAY 11806-11823' FOR SHORTER BHA/NEW HOLE MADE.
		13:00 05:00	DRILL & SURVEY 12880-13092' DRILL ROTATE - 207'/15.3 FPH DRILL SLIDE - 5'/5.0 FPH MWD SURVEYS
			SLIDE: 12880-12885' @ LS \\\ ROTATE: 12885-13092'
			PUMP PRESSURES: 1300 PSI (OFF BOTTOM), 1400 PSI (SLIDING), 1550 PSI (ROTATING) \\ RETURNS TO SURFACE 6 HRS. AFTER BACK ON BOTTOM PUMPING AFTER TRIP. DRILLING WITH AVERAGE OF 40% RETURNS SINCE THEN. HAVE LOST A TOTAL OF 5200 BBLs. FLUID LAST 24 HRS. \\\ MODERATE SHOW OF OIL, 100 UTS. GAS @ FLOWLINE WITH INITIAL RETURNS, TRACE OF OIL @ FLOWLINE/NO GAS SHOWS SINCE THEN \\ TIGHT CONNECTIONS 12870-13092'. HAVING TO PULL 80000-100000# OVER STRING WEIGHT. HIGH TORQUE/TABLE STALLED @ 13086'. REAMING & PUMPING POLYMER SWEEPS TO CLEAR UP, BUT NOT IMPROVING \\\ TRACE OF METAL IN SHAKER CUTTINGS LAST 24 HRS. \\\ HAVING TO HAUL FRESH WATER FROM CREEK WITH 2-3 TRUCKS IN ADDITION TO VOLUME BEING PUMPED TO KEEP UP WITH PUMP RATE/LOST RETURNS \\\ SPERRY BACK IN OPERATION @ 21:30 HRS. 8/7/95, LOGRITE BACK IN OPERATION @ 08:00 HRS. 8/8/95 \\ WATER METER READING @ 0500 HRS. 8/9/95: 268640 \\\ CORROSION RING ANALYSIS: #B58 - .7097, #B69 - 3.2247, #8899 - .5905 #'FT.2/YR. HIGH RATES ON RING #B69 BELIEVED TO BE DUE TO AIR IN SYSTEM FROM LOST CIRC. PROBLEMS. WILL BEGIN RUNNING OXYGEN SCAVENGER TO ELIMINATE.
			WEATHER: CLEAR, CALM, 48 DEG. F., NO NEW PRECIP. LAST 24 HRS. / LOC. & ACCESS: DRY/GOOD.
08/10/95	13116	05:00 05:45	DRILL ROTATE 13092-13102' - 10'/13.3 FPH. TIGHT CONNECTION, PULLING 290M# (80M# OVER NORMAL UPDRAG), REAM PRIOR TO CONNECTION TO CLEAN UP, STUCK @ 13075', BACK REAM TO FREE UP, REAM UNTIL CLEAR.
		05:45 06:15	MWD SURVEY @ 13053' - 87.2 DEG. INC., 34.2 DEG. AZ. NEED TO SLIDE UP & TO RIGHT, BUT FELT HOLE CONDITIONS TOO TIGHT.
		06:15 07:15	DRILL ROTATE 13102-13116' - 14'/14.0 FPH.
		07:15 10:15	DRILL (ROTATE) AHEAD WHILE MIXING & SPOTTING 8 PPB LUBRA BEAD & POLYMER PILL IN OPEN HOLE. WIPER TRIP/SHORT TRIP - SHORT TRIP 32 STANDS.

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
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 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 25 TO REPORT No. 31

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
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			UPDRAG 50M# OVER NORMAL 13035-12844', 10M# OVER NORMAL @ 11890', OTHERWISE NO TIGHT SPOTS ON TOOH. TOOH TO 10200', NO DRAG AT ALL ON TOOH OR TIH PAST COLLAPSED CASING AREA @ 10392-10402'. NO TIGHT SPOTS ON TIH, TAG OBSTRUCTION @ 13012'.
10:15		18:30	WASH/REAM TIGHT HOLE 12957-13075' - PU KELLY & ATTEMPT TO REAM OBSTRUCTION @ 13012', HOLE VERY TIGHT, STRING STUCK A COUPLE OF TIMES WHILE REAMING 13040-13060'. LAY DOWN SINGLES UNTIL STRING PULLING NORMAL UPDRAG OF 50M# @ 12950'. START REAMING SINGLE JOINTS DOWN REPEATEDLY UNTIL CLEAR WHILE PUMPING POLYMER SWEEPS. TIGHT AREA CORRESPONDS TO SHALY INTERVAL IN TARGET ZONE 12950-13045' MD ON GAMMA RAY LOG. REAM OUT HOLE SUCCESSFULLY 12950-13060', SWEEPS BRINGING UP SIGNIFICANT AMOUNT OF FINE SOLIDS. UPDRAG & DOWNDRAG BACK DOWN TO NORMAL VALUES. HOWEVER, COULD NOT GET HOLE TO CLEAN UP 13060-13075', OR GET PAST OBSTRUCTION @ 13075'. HOLE TIGHT UP, SLIDES ROUGHLY DOWN, WILL NOT REAM OR EVEN DRILL OFF WITH 20M# WOB @ 13075'. SUSPECT JUNK IN HOLE OR SOMETHING WRONG WITH MOTOR OR BIT.
		18:30 22:00	TRIP - TOOH TO CHECK BIT & MOTOR. NO TIGHT SPOTS ON TOOH. NOTHING VISUALLY WRONG WITH MOTOR OR BIT.
		22:00 24:00	PU/LD BHA & TOOLS - CHANGE OUT BIT & MOTOR, ORIENT MOTOR & MWD TOOL, TEST - OK.
		24:00 02:00	TRIP - TIH 100 STANDS.
		02:00 03:00	SLIP & CUT DRILL LINE - 110'
		03:00 04:00	TRIP - CONT'D TIH, NO TIGHT SPOTS, TAG UP @ 13075'.
		04:00 04:30	CIRCULATE - PUMP TO FILL PIPE, REGAIN STANDPIPE PRESSURE AFTER TRIP.
		04:30 05:00	WASH/REAM @ 13075' - ATTEMPT TO REAM PAST TIGHT SPOT @ 13075'. PUT 20M# WOB, NO DIFFERENTIAL PRESSURE, ATTEMPT TO SLIDE THROUGH & ROTATE (HIGH TORQUE-300 AMPS), NO PROGRESS. PULLING 40M# OVER NORMAL UPDRAG EACH TIME STRING IS PICKED UP.

PUMP PRESSURES: 1300 PSI (OFF BOTTOM), 1400 PSI (SLIDING), 1550 PSI (ROTATING) \\\
 PUMPING WITH AVERAGE OF 40% RETURNS LAST 24 HRS. HAVE LOST A TOTAL OF 2400 BBLs. FLUID LAST 24 HRS. \\\ NO OIL OR GAS SHOWS @ FLOWLINE OR METAL OBSERVED IN SHAKER
 CUTTINGS LAST 24 HRS.
 \\\ HAVING TO HAUL FRESH WATER FROM CREEK WITH 2-3 TRUCKS IN ADDITION TO VOLUME BEING PUMPED TO KEEP UP WITH PUMP RATE/LOST RETURNS \\\
 WATER METER READING @ 0500 HRS. 8/9/95: 274026 \\\ CORROSION RING ANALYSIS: #8898 - .6884 #/FT. 2/YR. \\\ TOOL INTERVALS: BIT TO

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
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 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 25 TO REPORT No. 31

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
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08/11/95	13244	05:00 12:00	<p>SURVEY PROBE - 50', BIT TO GR PROBE - 57'. DRLG./24 HRS.:1.75 HRS./CUM.:178.0 HRS. \\\ RIG FUEL DELS./24 HRS.:5800 GALS./CUM.:21899 GALS. \\\ 104.5 CUM. ROT. HRS. ON BHA SINCE LAST INSP. \\\ MTR. SN. 475-102A/ 4.75 HRS. DRLG./30.0 HRS. ON PUMP / MTR. SN. 475-089A/17.25 HRS. DRLG./31.5 HRS. ON PUMP / MTR. SN. 475-096A/0.0 HRS. DRLG./1.0 HRS. ON PUMP \\\ MWD TOOL/1.0 HRS. ON PUMP/5.0 HRS. IN HOLE \\\ CORR. RING #B58 @ TOP OF BHA; IN @ 1900 HRS. 8/2/95 @ 12839', OUT @ 0400 HRS. 8/8/95 @ 12870'; 129.0 CUM. HRS. OF EXP. / CORR. RING #16 @ TOP OF BHA; IN @ 0400 HRS. 8/8/95 @ 12870'; 25.0 CUM. HRS. OF EXP. /CORR. RING #8898 @ SAVER SUB; IN @ 0200 HRS. 8/3/95 @ 12839';, OUT @ 2400 HRS. 8/8/95 @ 13007'; 142.0 CUM. HRS. OF EXP. / CORR. RING #8900 @ SAVER SUB; IN @ 2400 HRS. 8/8/95 @ 13007'; 29.0 CUM. HRS. OF EXP. \\\ ROTATING HEAD RBBR. #2/42.75 ROT. HRS./107.75 HRS. INSTALLED.</p> <p>WEATHER: PARLTY CLOUDY, 10-15 MPH WINDS/SE, 72 DEG. F., NO NEW PRECIP. LAST 24 HRS. / LOC. & ACCESS: DRY/GOOD.</p> <p>WASH/REAM 13075-13116' - CONT'D TO ATTEMPT TO REAM PAST TIGHT SPOT @ 13075'. ATTEMPT TO SLIDE THROUGH & ROTATE (HIGH TORQUE-300 AMPS), PUTTING 30M# WOB, NO PROGRESS. PULLING 40M# OVER NORMAL UPDRAG EACH TIME STRING IS PICKED UP, NOT ABLE TO SLIDE BACK DOWN PAST 13060' WITHOUT ROTATING. RUNNING POLYMER SWEEPS WITH ENVIRO TORQUE WHILE REAMING. EVENTUALLY ABLE TO GET PAST 13075'. REAM BACK TO ORIGINAL MTD OF 13116'. HOWEVER, STILL PULLING UP WITH 40M# OVER NORMAL UPDRAG & NOT ABLE TO GO DOWN WITHOUT ROTATING (HAVING TO ROTATE WITH SLIPS TO MAKE CONNECTIONS). RE RUN SURVEYS @ 13021' & 13053' TO SEE IF SIDETRACKED. SURVEY @ 13053' SLIGHTLY LOWER INCLINATION (PROBABLY DUE TO EXTENSIVE REAMING), OTHERWISE OK.</p> <p>12:00 05:00 DRILL & SURVEY 13116-13244' DRILL ROTATE - 62'/8.9 FPH DRILL SLIDE - 66'/9.1 FPH MWD SURVEYS RIG REPAIR - WORK ON GEOLOGRAPH LINE ROTATE: 13116-13134' \\\ SLIDE: 13134-13154' HS-30R ROTATE: 13154-13166' \\\ SLIDE: 13166-13181' HS ROTATE: 13181-13198' \\\ SLIDE: 13198-13213' 40R ROTATE: 13213-13230' \\\ SLIDE: 13230-13244'</p>
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OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 25 TO REPORT No. 31

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
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08/12/95	13547	05:00 05:00	<p>HS ROTATING @ 13244' AT REPORT TIME. ROP VERY SLOW 13116-13119' (15-20 MPF W/30M# WOB & 250 PSI DIFFERENTIAL ON BIT), 300 AMPS TORQUE. ROP SUDDENLY IMPROVED, TORQUE REDUCED @ 13119'. RUNNING POLYMER & ENVIRO TORQUE SWEEPS EVERY 30-45 MINS. HAD TO SPOT 8 PPB LUBRA BEAD PILLS IN OPEN HOLE TO GET STRING TO SLIDE @ 13134' & 13166', NO PROBLEMS SINCE THEN. TORQUE & DRAG IN HOLE NOW BACK TO 'NORMAL' LEVELS \\\ PUMP PRESSURES: 1350 PSI (OFF BOTTOM), 1450 PSI (SLIDING), 1500 PSI (ROTATING) \\ PUMPING WITH AVERAGE OF 40-50% RETURNS LAST 24 HRS. HAVE LOST A TOTAL OF 4400 BBLs. FLUID LAST 24 HRS. \\\ LIGHT OIL SHOW W/110 UTS. GAS @ FLOWLINE @ 13200', NO OTHER SHOWS LAST 24 HRS. \\\ NO METAL OBSERVED IN SHAKER CUTTINGS LAST 24 HRS. \\\ HAVING TO HAUL FRESH WATER FROM CREEK WITH 2-3 TRUCKS IN ADDITION TO VOLUME BEING PUMPED TO KEEP UP WITH PUMP RATE/LOST RETURNS \\ WATER METER READING @ 0500 HRS. 8/11/95: 281957 \\\ STARTED ADDING OXYGEN SCAVENGER TO FLUID TO CONTROL HIGH RATES SEEN ON RINGS \\\ SURVEYS SHOWN INCLUDE CHANGED SURVEY VALUE AT 13053' \\ DRILL & SURVEY 13244-13547' DRILL ROTATE - 226'/20.1 FPH DRILL SLIDE - 77'/8.8 FPH MWD SURVEYS ROTATE: 13244-13261' \\\ SLIDE: 13261-13281' HS-20R ROTATE: 13281-13293' \\\ SLIDE: 13293-13299' 30R ROTATE: 13299-13356' \\\ SLIDE: 13356-13366' 55R ROTATE: 13366-13388' \\\ SLIDE: 13388-13393' 150R ROTATE: 13393-13420' \\\ SLIDE: 13420-13425' LS ROTATE: 13425-13452' \\\ SLIDE: 13452-13457' LS ROTATE: 13457-13484' \\\ SLIDE: 13484-13494' LS ROTATE: 13494-13515' \\\ SLIDE: 13515-13530' LS ROTATE: 13530-13547'</p> <p>PUMP PRESSURES: 1350 PSI (OFF BOTTOM), 1450 PSI (SLIDING), 1500 PSI (ROTATING) \\ DRILLING WITH 40-90% RETURNS LAST 24 HRS. HAVE LOST A TOTAL OF 2800 BBLs. FLUID LAST 24 HRS. \\\ SHOWS @ FLOWLINE: TRACE OF OIL W/85 UTS. GAS @ 13304' & TRACE OF OIL W/100 UTS. GAS @ 13455'</p>
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OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
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 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 25 TO REPORT No. 31

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
08/13/95	13681	05:00 12:30	<p> \\\ TIGHT CONNECTIONS @ 13388' & 13483', PULLING 70M# OVER NORMAL UPDRAG. WORK UNTIL CLEAR, HAD TO SPOT LUBRA BEADS IN OPEN HOLE TO SLIDE @ 13388', 13483', & 13515'. RUNNING POLYMER/ENVIRO TORQUE SWEEPS EACH KELLY TO CLEAN/LUBRICATE HOLE. HOLE TORQUE GOOD. \\\ NO METAL OBSERVED IN SHAKER CUTTINGS LAST 24 HRS. \\\ HAVE BEEN ABLE TO KEEP UP WITH LOST RETURNS LAST 24 HRS. WITH PUMP FROM POND \\\ WATER METER READING @ 0500 HRS. 8/12/95: 289327 \\\ RUNNING OXYGEN SCAVENGER IN FLUID TO CONTROL HIGH RATES SEEN ON RINGS \\\ DRLG./24 HRS.:20.0 HRS./CUM.:212.25 HRS. \\\ RIG FUEL DELS./24 HRS.:0 GALS./CUM.:21899 GALS. \\\ 139.75 CUM. ROT. HRS. ON BHA SINCE LAST INSP. \\\ MTR. SN. 475-096A/34.25 HRS. DRLG./48.0 HRS. ON PUMP \\\ MWD TOOL/48.0 HRS. ON PUMP/53.0 HRS. IN HOLE \\\ CORR. RING #16 @ TOP OF BHA; IN @ 0400 HRS. 8/8/95 @ 12870'; 73.0 CUM. HRS. OF EXP. / CORR. RING #8900 @ SAVER SUB; IN @ 2400 HRS. 8/8/95 @ 13007'; 77.0 CUM. HRS. OF EXP. \\\ ROTATING HEAD RBBR. #2/68.0 ROT. HRS./155.75 HRS. INSTALLED \\\ WEATHER: PARLTY CLOUDY, 0-5 MPH WINDS/SE, 66 DEG. F., NO NEW PRECIP. LAST 24 HRS. / LOC. & ACCESS: DRY/GOOD. DRILL & SURVEY 13547-13660' DRILL ROTATE - 113'/20.5 FPH MWD SURVEYS </p> <p> DRILL TO 13642', DECIDE TO PULL BIT #11 FOR HRS., SPOT POLYMER/ENVIRO TORQUE PILL W/8.0 PPB LUBRA BEADS IN OPEN HOLE WHILE DRILLING (ROTATING) 13642-13660'. </p> <p> 12:30 16:30 WORK STUCK PIPE/THROUGH TIGHT SPOTS - PULLED UP 15', PIPE STUCK W/BIT @ 13645', COULD NOT GO UP, DOWN, OR ROTATE. MOTOR/BIT FREE ACCORDING TO STANDPIPE PRESSURES, APPARENTLY STUCK SOMEWHERE UPHOLE. CONT'D WORKING PIPE, PULLING SUCCESSIVELY MORE. PIPE BEGAN TO MOVE/PULLED FREE WITH 175M# OVER STRING WEIGHT (340M# TOTAL), PULLED OUT TO 13613', STRING STUCK AGAIN, WORK FREE WITH 150M# OVERPULL, CONT'D POOH, PIPE TIGHT (75M# OVERPULL) AT SAME POINT ON EACH JOINT PULLED UP TO BIT DEPTH OF 13030', THEN PULLED 120M# OVER STRING WEIGHT & CAME FREE. APPARENTLY DEVELOPED KEY SEAT IN DOGLEG & LIMESTONE STRINGER @ 13030' MD (CAN BE SEEN ON MD GR LOG). </p>

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
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 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 25 TO REPORT No. 31

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		16:30 21:00	TRIP - CONT'D TOOH FOR BIT #12. NO OTHER TIGHT SPOTS, INCLUDING THROUGH COLLAPSED CASING INTERVAL 13402-13392'.
		21:00 22:45	PU/LD BHA & TOOLS - LD TRI CONE BIT, MUD MOTOR, & MWD TOOL, PU PERFORMANCE MOTOR & NEW MWD TOOL, TEST - OK, INSTALL 6 1/4" PDC BIT.
		22:45 02:00	TRIP - TIH, NO TIGHT SPOTS, INCLUDING THROUGH CASING 13392-13402' & KEY SEAT/DOGLEG SECTION 13030-13120'.
		02:00 03:00	CIRCULATE - TO FILL PIPE/ESTABLISH PRESSURE FOR MWD TOOL W/LOST RETURNS. SURVEY PROBE NOT RESPONDING RAPIDLY ENOUGH TO GIVE FULL SURVEYS DUE TO LACK OF PRESSURE AFTER 1 HRS. CIRC. DECIDE TO ROTATE AHEAD WHILE WAITING FOR PRESSURES TO STABILIZE.
		03:00 04:00	DRILL ROTATE - 13660-13681' - 21'/21.0 FPH
		04:00 05:00	CIRCULATE - MWD SURVEY PROBE GIVING HIGH AZIMUTH READINGS. RUN SURFACE CHECKS, APPEARS TO HAVE 1 BAD GRAVITOMETER. TOOL CHECKED OUT OK ON SURFACE FOR THIS ITEM PRIOR TO INSTALLING IN STRING. SHORT MUST HAVE OCCURRED ON TIH. START TOOH TO CHANGE OUT PROBE.
			<p>PUMP PRESSURES: 1350 PSI (OFF BOTTOM), 1550 PSI (ROTATING - NO SLIDING LAST 24 HRS.) \\\ DRILLING WITH 50-90% RETURNS LAST 24 HRS. HAVE LOST A TOTAL OF 1500 BBLs. FLUID LAST 24 HRS. \\\ NO GAS SHOWS LAST 24 HRS., TRACES OF OIL ON CONNECTIONS. \\\ CONT'D RUNNING POLYMER/ENVIRO TORQUE SWEEPS EACH KELLY TO CLEAN/LUBRICATE HOLE. HOLE TORQUE GOOD. \\\ NO METAL OBSERVED IN SHAKER CUTTINGS LAST 24 HRS. \\\ HAVE BEEN ABLE TO KEEP UP WITH LOST RETURNS LAST 24 HRS. WITH PUMP FROM POND \\\ WATER METER READING @ 0500 HRS. 8/13/95: 296374 \\\ RUNNING OXYGEN SCAVENGER IN FLUID TO CONTROL HIGH RATES SEEN ON RINGS \\\ TOOL INTERVALS: BIT TO SURVEY PROBE - 57', BIT TO GAMMA RAY PROBE - 64' \\\ NO WEAR OBSERVED ON OUTER HOUSING OF MOTOR 475-096A \\\ HIGH WATER LOSS VOLUME SHOWN IS AN AJUSTMENT DUE TO REVIEW OF ACTUAL VOLUMES DELIVERED TO LOCATION TO DATE.</p> <p>DRLG./24 HRS.:6.5 HRS./CUM.:218.75 HRS. \\\ RIG FUEL DELS./24 HRS.:0 GALS./CUM.:21899 GALS. \\\ 146.25 CUM. ROT. HRS. ON BHA SINCE LAST INSP. \\\ MTR. SN. 475-096A/39.75 HRS. DRLG./59.5 HRS. ON PUMP / MTR. SN. 475-084A/1.0 HRS. DRLG./3.00 HRS. ON PUMP \\\ MWD TOOL/3.0 HRS. ON PUMP/6.25 HRS. IN HOLE \\\ CORR. RING #16 @ TOP OF BHA; IN @ 0400 HRS. 8/8/95 @ 12870'; 97.0 CUM. HRS. OF EXP.</p>

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
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SUMMARY OF OPERATIONS FROM REPORT No. 25 TO REPORT No. 31

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
08/14/95	13872	05:00 10:30	<p>/ CORR. RING #8900 @ SAVER SUB; IN @ 2400 HRS. 8/8/95 @ 13007'; 101.0 CUM. HRS. OF EXP. \\\ ROTATING HEAD RBBR. #2/74.5 ROT. HRS./178.0 HRS. INSTALLED.</p> <p>WEATHER: CLEAR, 0-5 MPH WINDS/SE, 63 DEG. F., TRACE NEW PRECIP. (INTERMITTENT RAIN) 24 HRS. / LOC. & ACCESS: DRY/GOOD.</p> <p>TRIP - TOH TO CHECK MWD TOOL SURVEY PROBE. PULLED 115M# OVER MOMENTARILY W/BIT @ 13030' (KEYSEAT), THEN FREE, NO OTHER TIGHT SPOTS. CHANGE OUT MWD - CHANGE OUT MWD PROBES, TEST MOTOR & MWD TOOL - OK, RE INSTALL PDC BIT. TRIP - TIH, NO TIGHT SPOTS. SLID ALL THE WAY TO MTD W/NO PROBLEMS. CIRCULATE - TO FILL PIPE/ESTABLISH PRESSURE FOR MWD TOOL W/LOST RETURNS. DRILL & SURVEY 13681-13872' DRILL ROTATE - 166'/30.2 FPH DRILL SLIDE - 25'/7.7 FPH MWD SURVEYS</p> <p>ROTATE: 13681-13776' \\\ SLIDE: 13776-13786' 90R ROTATE: 13786-13840' \\\ SLIDE: 13840-13855' 90R ROTATE: 13855-13872' \\\ BEGIN SLIDING @ 13872' @ 60R @ REPORT TIME</p> <p>PUMP PRESSURES: 1300 PSI (OFF BOTTOM), 1450 PSI SLIDING, 1550 PSI (ROTATING) \\\ DRILLING WITH 45-65% RETURNS/HAVE LOST A TOTAL OF 2500 BBLs. FLUID LAST 24 HRS. \\\ 160 UTS. GAS, MODERATE OIL SHOW @ FLOWLINE W/BOTTOMS UP AFTER TRIP @ 13681', NO OTHER SHOWS LAST 24 HRS. \\\ NO TIGHT CONNECTIONS DRILLING LAST 24 HRS. CONT'D RUNNING POLYMER/ENVIRO TORQUE SWEEPS EACH KELLY TO CLEAN/LUBRICATE HOLE. HOLE TORQUE GOOD. \\\ NO METAL OBSERVED IN SHAKER CUTTINGS LAST 24 HRS. \\\ HAVE BEEN ABLE TO KEEP UP WITH LOST RETURNS LAST 24 HRS. WITH PUMP FROM POND \\\ WATER METER READING @ 0500 HRS. 8/14/95: 301571 \\\ RUNNING OXYGEN SCAVENGER IN FLUID TO CONTROL HIGH RATES SEEN ON RINGS \\\ DRLG./24 HRS.:8.75 HRS./CUM.:227.5 HRS. \\\ RIG FUEL DELS./24 HRS.:0 GALS./CUM.:21899 GALS. \\\ 151.75 CUM. ROT. HRS. ON BHA SINCE LAST INSP. \\\ MTR. SN. 475-084A/9.75 HRS. DRLG./15.5 HRS. ON PUMP \\\ MWD TOOL/15.5 HRS. ON PUMP/28.75 HRS. IN HOLE \\\ CORR. RING #16 @ TOP</p>

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
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RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 25 TO REPORT No. 31

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			OF BHA; IN @ 0400 HRS. 8/8/95 @ 12870'; 121.0 CUM. HRS. OF EXP. / CORR. RING #8900 @ SAVER SUB; IN @ 2400 HRS. 8/8/95 @ 13007'; 125.0 CUM. HRS. OF EXP. \\ ROTATING HEAD RBBR. #2/80.0 ROT. HRS./200.5 HRS. INSTALLED \\ WEATHER: PARTLY CLOUDY, CALM, 53 DEG. F., NO NEW PRECIP. LAST 24 HRS. / LOC. & ACCESS: DRY/GOOD.
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8-9-95
JR

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OVERTHRUST TEAM DISTRIBUTION SHEET

FROM: W. F. (Bill) Brazelton
MS 3006
EXT. 7952

DATE: 95-08-09
NEED BY: 95-08-09
FED.EXP.: X PM
REG.MAIL:
Inter. Co.

SUBJEC: Weekly Progress Report No. 4, Week Ending August 7, 1995
WELL: Judd 34-1H Redrill
COUNTY: Summit County, UT

_____ Carolyn Fiuman MS 2602 Ext. 6467	_____ Ross Matthews MS 3706 Ext. 6763
_____ W. E. Charles MS 3606 Ext. 7678	_____ W.F.B. MS 3006 Ext. 7952
_____ Chuck Traxler MS 3903 Ext. 6761	_____ Jim Neuner MS 3409 Ext. 7827
_____ Pat STEVENS MS 3703 Ext. 7934	_____ Record Center MS A106
_____ Addressee	_____ Regulatory File
	_____ Viewstar

Original cc

Mike Hebertson Frank Matthews
Division of Oil, Gas and Mining
Utah Department of Natural Resources
3 Triad Center - Suite 350
355 West North Temple Street
Salt Lake City, Utah 84190
(801) 538-5340
(801) 359-3940 (Fax)

ATTN:
Bureau of Land Management
Utah District Office
324 South State Street
Salt Lake City, Utah 84111-2302
(801) 539-4001
FAX (801) 539-4200

Dan Washington
Bureau of Land Management
Salt Lake District
2376 2300 West
Salt Lake City, Utah 84199
(801) 977-4300
FAX (801)

Attn: Ron Summers
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2900 Wilcrest Drive - Suite 475
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(713) 735-0000

Paul Smith
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4940 East Chalk Creek Road
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82 East Dogwood - Suite M
Moab, UT 84532
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86 Allegiance Circle
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(307) 789-1573
(307) 789-1575 (Fax)

Marty Talbott
Union Pacific Resources
2515 Foothill
Rock Springs, WY 82901
(307) 352-6023
8-352-6023
Fax (307) 352-6071

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS <small>Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.</small>	6. Lease Designation and Serial No. Fee
	6. If Indian, Allottee or Tribe Name NA
	7. Unit Agreement Name NA
1. Type of Well: OIL () GAS (X) OTHER: RE-ENTRY	8. Well Name and Number Judd 34-1H Redrill
2. Name of Operator Union Pacific Resources Company	9. API Well Number 43-043-30301
3. Address and Telephone Number P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007 Telephone (817) 877-6000 (Main Number)	10. Field and Pool, or Wildcat Lodgepole

CONFIDENTIAL

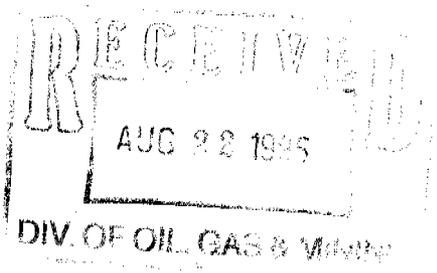
4. Location of Well
 Footages **711' FSL, 552' FWL Section 34, T. 2 N., R. 6 E.,** County **Summit**
 QQ, Sec., T., R., M. State **Utah**

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT <small>(Submit in Duplicate)</small>	SUBSEQUENT REPORT <small>(Submit Original Form Only)</small>
<input type="checkbox"/> Abandonment <input type="checkbox"/> New Construction <input type="checkbox"/> Casing Repair <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Recompletion <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Fracture Test <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Water Shutoff <input type="checkbox"/> Other:	<input type="checkbox"/> Abandonment * <input type="checkbox"/> New Construction <input type="checkbox"/> Casing Repair <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Shoot of Acidize <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Water Shut-Off Shutoff <input checked="" type="checkbox"/> Other: Weekly Progress Report
Approximate date work will start:	Date of work completion _____
	<small>Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</small>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weekly Progress Report No. 6, Week Ending August 21, 1995
 Well spudded on actual redrill operations July 24, 1995
 Please see accompanying Daily Operations Summaries for detail.



PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"
 If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.
 Name/Signature: **W. F. Brazelton** *W F Brazelton* Title: Senior Regulatory Analyst Date: 95-08-21

(This space for State use only)

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 32 TO REPORT No. 38

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
08/15/95	14221	05:00 05:00	<p>DRILL & SURVEY 13872-14221' DRILL ROTATE - 223'/22.9 FPH DRILL SLIDE - 126'/11.5 FPH MWD SURVEYS</p> <p>SLIDE: 13872-13887' 60R \\\ ROTATE: 13887-13904' SLIDE: 13904-13919' 60R \\\ ROTATE: 13919-13944' SLIDE: 13944-13962' 15R \\\ ROTATE: 13962-13967' SLIDE: 13967-13987' 15R \\\ ROTATE: 13987-13999' SLIDE: 13999-14011' HS \\\ ROTATE: 14011-14031' SLIDE: 14031-14037' HS \\\ ROTATE: 14037-14094' SLIDE: 14094-14109' HS \\\ ROTATE: 14109-14126' SLIDE: 14126-14141' HS \\\ ROTATE: 14141-14221' SLIDING @ 14221' @ HS @ REPORT TIME</p> <p>PUMP PRESSURES: 1350 PSI (OFF BOTTOM), 1450 PSI (SLIDING), 1500 PSI (ROTATING) \\\ DRILLING WITH 70-80% RETURNS/HAVE LOST A TOTAL OF 2300 BBLs. FLUID LAST 24 HRS. \\\ NO OIL OR GAS SHOWS @ FLOWLINE LAST 24 HRS. \\\ NO TIGHT CONNECTIONS DRILLING LAST 24 HRS. CONT'D RUNNING POLYMER/ENVIRO TORQUE SWEEPS EACH KELLY TO CLEAN/LUBRICATE HOLE. HOLE TORQUE GOOD. \\\ NO METAL OBSERVED IN SHAKER CUTTINGS LAST 24 HRS. \\\ HAVE BEEN ABLE TO KEEP UP WITH LOST RETURNS LAST 24 HRS. WITH PUMP FROM POND \\\ WATER METER READING @ 0500 HRS. 8/15/95: 307887 \\\ RUNNING OXYGEN SCAVENGER IN FLUID TO CONTROL HIGH RATES SEEN ON RINGS.</p> <p>DRLG./24 HRS.:20.75 HRS./CUM.:248.25 HRS. \\\ RIG FUEL DELS./24 HRS.:0 GALS./CUM.:21899 GALS. \\\ 161.5 CUM. ROT. HRS. ON BHA SINCE LAST INSP. \\\ MTR. SN. 475-084A/33.75 HRS. DRLG./39.5 HRS. ON PUMP \\\ MWD TOOL/39.5 HRS. ON PUMP/52.75 HRS. IN HOLE \\\ CORR. RING #16 @ TOP OF BHA; IN @ 0400 HRS. 8/8/95 @ 12870'; 145.0 CUM. HRS. OF EXP. / CORR. RING #8900 @ SAVER SUB; IN @ 2400 HRS. 8/8/95 @ 13007', OUT @ 0130 HRS. 8/15/95 @ 14158'; 145.5 CUM. HRS. OF EXP. \\\ ROTATING HEAD</p>

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :Lodgepole Twin Creek

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 32 TO REPORT No. 38

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
08/16/95	14541	05:00 05:00	<p>RBBR. #2/89.75 ROT. HRS./224.5 HRS. INSTALLED.</p> <p>WEATHER: CLEAR, CALM, 58 DEG. F., TRACE PRECIP. (RAIN) LAST 24 HRS. / LOC. & ACCESS: DRY/GOOD.</p> <p>DRILL & SURVEY 14221-14541' DRILL ROTATE - 250'/19.2 FPH DRILL SLIDE - 70'/8.8 FPH MWD SURVEYS</p> <p>SLIDE: 14221-14237' HS \\\ ROTATE: 14237-14253' SLIDE: 14253-14263' HS \\\ ROTATE: 14263-14317' SLIDE: 14317-14332' HS \\\ ROTATE: 14332-14348' SLIDE: 14348-14368' HS \\\ ROTATE: 14368-14392' SLIDE: 14392-14402' HS \\\ ROTATE: 14402-14541'</p> <p>PUMP PRESSURES: 1350 PSI (OFF BOTTOM), 1500 PSI (SLIDING), 1550 PSI (ROTATING) \\\ DRILLING WITH 75-85% RETURNS/HAVE LOST A TOTAL OF 2000 BBLs. FLUID LAST 24 HRS. \\\ NO OIL OR GAS SHOWS @ FLOWLINE LAST 24 HRS. \\\ NO TIGHT CONNECTIONS DRILLING LAST 24 HRS. CUT BACK RUNNING POLYMER/ENVIRO TORQUE SWEEPS TO EVERY OTHER KELLY TO CLEAN/LUBRICATE HOLE. HOLE TORQUE GOOD. \\\ NO METAL OBSERVED IN SHAKER CUTTINGS LAST 24 HRS. \\\ HAVING TO HAUL WATER FROM CREEK WITH 1-2 TRUCKS LAST 24 HRS. IN ADDITION TO PUMPING FROM POND IN ORDER TO KEEP UP WITH LOST RETURNS \\\ WATER METER READING @ 0500 HRS. 8/16/95: 312260 \\\ RUNNING OXYGEN SCAVENGER IN FLUID TO CONTROL HIGH RATES SEEN ON RINGS.</p> <p>DRLG./24 HRS.:21.0 HRS./CUM.:269.25 HRS. \\\ RIG FUEL DELS./24 HRS.:0 GALS./CUM.:21899 GALS. \\\ 174.5 CUM. ROT. HRS. ON BHA SINCE LAST INSP. \\\ MTR. SN. 475-084A/54.75 HRS. DRLG./63.5 HRS. ON PUMP \\\ MWD TOOL/63.5 HRS. ON PUMP/76.75 HRS. IN HOLE \\\ CORR. RING #16 @ TOP OF BHA; IN @ 0400 HRS. 8/8/95 @ 12870'; 169.0 CUM. HRS. OF EXP. / CORR. RING #C-21 @ SAVER SUB; IN @ 0130 HRS. 8/15/95 @ 14158';</p>

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 32 TO REPORT No. 38

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
08/17/95	14888	05:00 05:00	<p>27.5 CUM. HRS. OF EXP. \\\ ROTATING HEAD RBBR. #2/102.75 ROT. HRS./248.5 HRS. INSTALLED.</p> <p>WEATHER: CLEAR, 5-10 MPH WINDS/SE, 68 DEG. F., NO NEW PRECIP. LAST 24 HRS. / LOC. & ACCESS: DRY/GOOD. DRILL & SURVEY 14541'-14888' DRILL ROTATE DRILL SLIDE MWD SURVEYS</p> <p>ROTATE 14541-14602 SLIDE 14602'-14617' 160R ROTATE 14617-14634 SLIDE 14634-14649 160R ROTATE 14649-14697 SLIDE 14697-14711 10R ROTATE 14711-14761 SLIDE 14761-14773 45R ROTATE 14773-14824 SLIDE 14824-14834 70R ROTATE 14834-14888</p> <p>PUMP PRESSURES: 1350 PSI (OFF BOTTOM), 1500 PSI (SLIDING), 1550 PSI (ROTATING) \\ DRILLING WITH 75-85% RETURNS/HAVE LOST A TOTAL OF 1650 BBLs. FLUID LAST 24 HRS. \\\ SHOW @ 14765' ABNT DK BRN OIL 300 UNITS GAS, CONTINUED OIL AND GAS. \\\ NO TIGHT CONNECTIONS DRILLING LAST 24 HRS. CUT BACK RUNNING POLYMER/ENVIRO TORQUE SWEEPS TO EVERY OTHER KELLY TO CLEAN/LUBRICATE HOLE. HOLE TORQUE GOOD. \\\ NO METAL OBSERVED IN SHAKER CUTTINGS LAST 24 HRS. \\\ HAVING TO HAUL WATER FROM CREEK WITH 1-2 TRUCKS LAST 24 HRS. IN ADDITION TO PUMPING FROM POND IN ORDER TO KEEP UP WITH LOST RETURNS \\ WATER METER READING @ 0500 HRS. 8/16/95: 317004 \\\ RUNNING OXYGEN SCAVENGER IN FLUID TO CONTROL HIGH RATES SEEN ON RINGS.</p> <p>DRLG./24 HRS.:21.0 HRS./CUM.:290.25 HRS. \\ RIG FUEL DELS./24 HRS.:0 GALS./CUM.:21899 GALS. \\ 195.5 CUM. ROT. HRS. ON BHA SINCE LAST INSP. \\\ MTR. SN. 475-084A/75.75 HRS. DRLG./84.5 HRS. ON PUMP \\\ MWD TOOL/87.5 HRS. ON PUMP/100.75 HRS. IN HOLE \\ CORR. RING #16 @ TOP OF BHA; IN @ 0400 HRS. 8/8/95 @ 12870'; 293.75 CUM. HRS. OF EXP. / CORR. RING #C-21 @ SAVER SUB; IN @ 0130</p>

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :Lodgepole Twin Creek

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 32 TO REPORT No. 38

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
08/18/95	15200	05:00 05:00	<p>HRS. 8/15/95 @ 14158'; 51.5 CUM. HRS. OF EXP. \\\ ROTATING HEAD RBBR. #2/123.75 ROT. HRS./272.5 HRS. INSTALLED.</p> <p>WEATHER: CLEAR, 5-25 MPH WINDS/SE, 65 DEG. F., NO NEW PRECIP. LAST 24 HRS. / LOC. & ACCESS: DRY/GOOD. DRILL & SURVEY 14888'-15200' DRILL ROTATE DRILL SLIDE MWD SURVEYS</p> <p>SLIDE 14888-14898 30R ROTATE 14898-14939 SLIDE 14939-14957 170R ROTATE 14957-15015 SLIDE 15015-15023 170R ROTATE 15023-15047 SLIDE 15047-15052 170R ROTATE 15052-15079 SLIDE 15079-15087 50R ROTATE-15087-15110 SLIDE 15110-15122 30R ROTATE 15122-15142 SLIDE 15142-15157 30R ROTATE 15157-15174 SLIDE 15174-15194 30R ROTATE 15194-15200</p> <p>PUMP PRESSURES: 1350 PSI (OFF BOTTOM), 1500 PSI (SLIDING), 1550 PSI (ROTATING) \\ DRILLING WITH 80-85% RETURNS/HAVE LOST A TOTAL OF 1266 BBLs. FLUID LAST 24 HRS. \\\ SHOW @ 15115' ABNT DK BRN OIL 360 UNITS GAS, CONTINUED OIL AND GAS @ SHAKER \\\ NO TIGHT CONNECTIONS DRILLING LAST 24 HRS. CUT BACK RUNNING POLYMER/ENVIRO TORQUE SWEEPS TO EVERY OTHER KELLY TO CLEAN/LUBRICATE HOLE. HOLE TORQUE GOOD. \\\ NO METAL OBSERVED IN SHAKER CUTTINGS LAST 24 HRS. \\\ HAVING TO HAUL WATER FROM CREEK WITH 1-2 TRUCKS LAST 24 HRS. IN ADDITION TO PUMPING FROM POND IN ORDER TO KEEP UP WITH LOST RETURNS \\ WATER METER READING @ 0500 HRS. 8/16/95: 323331 \\\ RUNNING OXYGEN SCAVENGER IN FLUID TO CONTROL HIGH RATES SEEN ON RINGS.</p> <p>DRLG./24 HRS.:21.75 HRS./CUM.:312.00 HRS. \\ RIG FUEL DELS./24 HRS.:0 GALS./CUM.:21899 GALS. \\ 217.25 CUM. ROT. HRS. ON BHA SINCE LAST INSP. \\\ MTR. SN. 475-084A/97.50 HRS. DRLG./108.50 HRS. ON PUMP \\\ MWD TOOL/111.50 HRS. ON PUMP/124.75 HRS. IN HOLE \\ CORR. RING #16 @ TOP OF BHA; IN @ 0400 HRS. 8/8/95 @ 12870'; 317.75 CUM. HRS. OF EXP. / CORR. RING #C-21 @ SAVER SUB; IN @ 0130 HRS. 8/15/95 @ 14158'; 75.5 CUM. HRS. OF EXP. \\\</p>

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 32 TO REPORT No. 38

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
08/19/95	15485	05:00 05:00	<p>ROTATING HEAD RBBR. #2/123.75 ROT. HRS./294.25 HRS. INSTALLED</p> <p>WEATHER: CLEAR, 5-10 MPH WINDS/E, 50 DEG. F., NO NEW PRECIP. LAST 24 HRS. / LOC. & ACCESS: DRY/GOOD.</p> <p>DRILL & SURVEY -15200' 15485' DRILL ROTATE DRILL SLIDE MWD SURVEYS</p> <p>ROTATE-15200-15206 SLIDE 15206-15226 15R ROTATE 15226-15238 SLIDE 15238-15248 15R ROTATE 15248-15270 SLIDE 15270-15288 15R ROTATE 15228-15301 SLIDE 15301-15319 10R ROTATE 15319-15365 SLIDE 15365-15385 HS ROTATE 15385-15397 SLIDE 15397-15412 HS ROTATE 15412-15485</p> <p>PUMP PRESSURES: 1350 PSI (OFF BOTTOM), 1500 PSI (SLIDING), 1550 PSI (ROTATING) \\\ DRILLING WITH 80-85% RETURNS/HAVE LOST A TOTAL OF 1725 BBLs. FLUID LAST 24 HRS. \\\ NO NEW SHOWS ABNT DK BRN OIL 550 UNITS GAS, CONTINUED OIL AND GAS @ SHAKER \\\ NO TIGHT CONNECTIONS DRILLING LAST 24 HRS. CUT BACK RUNNING POLYMER/ENVIRO TORQUE SWEEPS TO EVERY OTHER KELLY TO CLEAN/LUBRICATE HOLE. HOLE TORQUE GOOD. \\\ NO METAL OBSERVED \\\ IN CUTTINGS LAST 24 HRS. \\\ WATER METER READING @ 0500 HRS. 8/16/95: 324134 \\\ RUNNING OXYGEN SCAVENGER IN FLUID TO CONTROL HIGH RATES SEEN ON RINGS.</p> <p>DRLG./24 HRS.:21.75 HRS./CUM.:333.75 HRS. \\\ RIG FUEL DELS./24 HRS.:7508 GALS./CUM.:29407 GALS. \\\ 239.00 CUM. ROT. HRS. ON BHA SINCE LAST INSP. \\\ MTR. SN. 475-084A/119.25 HRS. DRLG./132.50 HRS. ON PUMP \\\ MWD TOOL/135.50 HRS. ON PUMP/148.75 HRS. IN HOLE \\\ CORR. RING #16 @ TOP OF BHA; IN @ 0400 HRS. 8/8/95 @ 12870'; 341.75 CUM. HRS. OF EXP. / CORR. RING #C-21 @ SAVER SUB; IN @ 0130 HRS. 8/15/95 @ 14158'; 99.5 CUM. HRS. OF EXP. \\\ ROTATING HEAD RBBR. #2/145.50 ROT. HRS./318.25 HRS. INSTALLED</p> <p>WEATHER: CLEAR, calm, 46 DEG. F., NO NEW PRECIP. LAST 24 HRS. / LOC. & ACCESS: DRY/GOOD.</p> <p>DRILL & SURVEY 15485' 15778</p>
08/20/95	15778	05:00 05:00	

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :Lodgepole Twin Creek

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 32 TO REPORT No. 38

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			CIRCULATE, AND WORK TIGHT HOLE, SPOT BEADS DRILL ROTATE DRILL SLIDE MWD SURVEYS SHORT TRIP 10 STANDS, UP 30M OVER NORMAL DRAG RIG REPAIR, REPLACE ROTARY CHAIN ROTATE 15485-15556 SLIDE 15556-15573 180 ROTATE 15573-15587 SLIDE 15587-15611 180 ROTATE 15611-15682 SLIDE 15682-15688 160R ROTATE 15688-15746 SLIDE 15746-15751 30L ROTATE 15751-15778 PUMP PRESSURES: 1350 PSI (OFF BOTTOM), 1500 PSI (SLIDING), 1550 PSI (ROTATING) \\\ DRILLING WITH 85-90% RETURNS/HAVE LOST A TOTAL OF 1266 BBLs. FLUID LAST 24 HRS. \\\ NO NEW SHOWS MOD TO ABNT DK BRN OIL @ SHAKER \\\ NO TIGHT CONNECTIONS DRILLING LAST 24 HRS. HAD TO SHORT TRIP @ 15558', COULDN'T GET BACK TO BOTTOM, ALSO HAD TO SPOT BEADS @15587' IN ORDER TO BE ABLE TO SLIDE. HOLE TORQUE GOOD. \\\ NO METAL OBSERVED IN CUTTINGS LAST 24 HRS. \\\ WATER METER READING @ 0500 HRS. 8/19/95: 330744 \\\ RUNNING OXYGEN SCAVENGER IN FLUID TO CONTROL HIGH RATES SEEN ON RINGS. DRLG./24 HRS.:16.75 HRS./CUM.:350.50 HRS. \\\ RIG FUEL DELS./24 HRS.:0 GALS./CUM.:29407 GALS. \\\ 255.75 CUM. ROT. HRS. ON BHA SINCE LAST INSP. \\\ MTR. SN. 475-084A/136.00 HRS. DRLG./156.00 HRS. ON PUMP \\\ MWD TOOL/1159.5 HRS. ON PUMP/1172.75HRS. IN HOLE \\\ CORR. RING #16 @ TOP OF BHA; IN @ 0400 HRS. 8/8/95 @ 12870'; 365.75 CUM. HRS. OF EXP. / CORR. RING #C-21 @ SAVER SUB; IN @ 0130 HRS. 8/15/95 @ 14158'; 123.50 CUM. HRS. OF EXP. \\\ ROTATING HEAD RBBR. #2/162.25 ROT. HRS./342.25 HRS. INSTALLED WEATHER: CLEAR, CALM, 64 DEG. F., NO NEW PRECIP. LAST 24 HRS. / LOC. & ACCESS: DRY/GOOD. DRILL & SURVEY 15778-16062 RIG REPAIR, REPLACE ROTARY CHAIN DRILL ROTATE DRILL SLIDE MWD SURVEYS ROTATE 15778-15810 SLIDE 15810-15820 180
08/21/95	16062	05:00 05:00	

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 32 TO REPORT No. 38

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
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ROTATE 15820-15873 SLIDE 15873-15883 HS
 ROTATE 15883-16062

PUMP PRESSURES: 1350 PSI (OFF BOTTOM), 1500 PSI (SLIDING), 1550 PSI (ROTATING) \\\
 DRILLING WITH 85-90% RETURNS/HAVE LOST A TOTAL OF 1500 BBLs. FLUID LAST 24 HRS. \\\ NO NEW SHOWS CONTD MOD TO ABNT DK BRN OIL @ SHAKER STILL ABNT OIL AND GAS ON CONNECTIONS. DECREASING OIL @ 15900' \\\ NO TIGHT CONNECTIONS DRILLING LAST 24 HRS. HOLE TORQUE GOOD. \\\ NO METAL OBSERVED IN CUTTINGS LAST 24 HRS. \\\
 WATER METER READING @ 0500 HRS. 8/21/95: 332372 \\\ RUNNING OXYGEN SCAVENGER IN FLUID TO CONTROL HIGH RATES SEEN ON RINGS.

DRLG./24 HRS.:21.50 HRS./CUM.:372.00 HRS. \\\
 RIG FUEL DELS./24 HRS.:0 GALS./CUM.:29407 GALS. \\\
 277.25 CUM. ROT. HRS. ON BHA SINCE LAST INSP. \\\ MTR. SN. 475-084A/157.50 HRS.
 DRLG./179.00 HRS. ON PUMP \\\ MWD TOOL/183.5 HRS. ON PUMP/196.75 HRS. IN HOLE \\\
 CORR. RING #16 @ TOP OF BHA; IN @ 0400 HRS. 8/8/95 @ 12870'; 389.75 CUM. HRS. OF EXP.
 / CORR. RING #C-21 @ SAVER SUB; IN @ 0130 HRS. 8/15/95 @ 14158'; 147.50 CUM. HRS. OF EXP. \\\
 ROTATING HEAD RBBR. #2/183.75 ROT. HRS./366.25 HRS. INSTALLED

WEATHER: CLOUDY, CALM, 60 DEG. F., TR NEW PRECIP. LAST 24 HRS.
 / LOC. & ACCESS: DRY/GOOD.

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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial No.
Fee

6. If Indian, Allottee or Tribe Name
NA

7. Unit Agreement Name
NA

8. Well Name and Number
Judd 34-1H Redrill

9. API Well Number
43-043-30301

10. Field and Pool, or Wildcat
Lodgepole

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

1. Type of Well:
OIL () GAS (X) OTHER:

2. Name of Operator
Union Pacific Resources Company (RE-ENTRY)

3. Address and Telephone Number
P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

4. Location of Well
Footages 711' FSL, 552' FWL Section 34, T. 2 N., R. 6 E., County Summit
OO, Sec., T., R., M. State Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

- () Abandonment
- () Casing Repair
- () Change of Plans
- () Conversion to Injection
- () Fracture Test
- () Multiple Completion
- () Other:
- () New Construction
- () Pull or Alter Casing
- () Recompletion
- () Shoot or Acidize
- () Vent or Flare
- () Water Shutoff

Approximate date work will start:

SUBSEQUENT REPORT

(Submit Original Form Only)

- () Abandonment *
- () Casing Repair
- () Change of Plans
- () Conversion to Injection
- () Fracture Treat
- (X) Other: Weekly Progress Report
- () New Construction
- () Pull or Alter Casing
- () Shoot of Acidize
- () Vent or Flare
- () Water Shut-Off Shutoff

Date of work completion _____

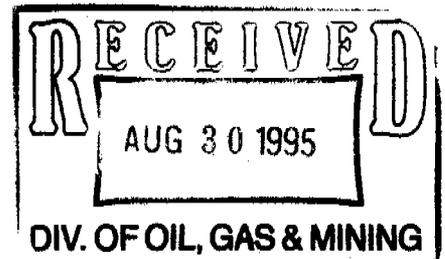
Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weekly Progress Report No. 7, Week Ending August 28, 1995

Well spudded on actual redrill operations July 24, 1995; reached total depth (16,087' MD) on August 22, 1995; rig released August 24 1995.

Please see accompanying Daily Operations Summaries for detail.



PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"
If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.
Name/Signature: W. F. Brazelton W.F. Brazelton Title: Senior Regulatory Analyst Date: 95-08-29

(This space for State use only)

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 39 TO REPORT No. 41

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
08/22/95	16087	05:00 05:15	SURVEY
		05:15 07:00	DRILL ROTATE 16062-16087
		07:00 08:15	CIRCULATE BOTTOMS UP
		08:15 09:15	SHORT TRIP STARTED SEEING DRAG ON TOOL JOINTS @ 13706, ALL THE WAY TO 13020
		09:15 11:45	WORK STUCK PIPE PULLED LOOSE, NO OTHER TIGHT SPOTS TO 10300'
		11:45 14:30	FINISH SHORT TRIP
		14:30 16:00	WASH/REAM 90' TO BTM, HAD TO ROTATE IN, COULDN'T SLIDE IN.
		16:00 18:00	CIRCULATE BOTTOMS UP, MIX AND PUMP 245 BBLs OF 8 PPB LUBRA BEADS, TO FILL OPEN HOLE
		18:00 24:00	TOH, SLM, NO CORRECTION
		24:00 00:30	RU AMERICAN PIPE LD MACHINE
		00:30 02:30	LD DRILL PIPE 57 JTS, NO ROOM IN DERRICK
		02:30 03:30	LD BHA & TOOLS
		03:30 04:30	RU SERVICE TOOLS, CASING CREW
		04:30 05:00	PU AND RUN 20 JT OF 4 1/2" 11.6# N-80 LINER
			<p>PUMP PRESSURES: 1350 PSI (OFF BOTTOM), 1550 PSI (ROTATING) \\\</p> <p>DRILLING WITH 85-90% RETURNS/HAVE LOST A TOTAL OF 700 BBLs. FLUID LAST 24 HRS. \\\ NO NEW SHOWS CONTD MOD TO ABNT DK BRN OIL @ SHAKER STILL ABNT OIL AND GAS ON CONNECTIONS. 880 UNITS TRIP GAS, W/ MODERATE AMOUNT OF OIL WITH IT. HOLE TORQUE GOOD. \\\ NO METAL OBSERVED IN CUTTINGS LAST 24 HRS. \\\</p> <p>WATER METER READING @ 0500 HRS. 8/21/95: 332372 \\\</p> <p>DRLG./24 HRS.:1.75 HRS./CUM.:373.75 HRS. \\\</p> <p>RIG FUEL DELS./24 HRS.:0 GALS./CUM.:29407 GALS. \\\</p> <p>279.00 CUM. ROT. HRS. ON BHA SINCE LAST INSP. \\\</p> <p>MTR. SN. 475-084A/159.25 HRS. DRLG./198.00 HRS. ON PUMP \\\</p> <p>MWD TOOL/189.75HRS. ON PUMP/215.75 HRS. IN HOLE \\\</p> <p>CORR. RING #16 @ TOP OF BHA; IN @ 0400 HRS. 8/8/95 @ 12870'; 408.75 CUM. HRS. OF EXP. / CORR. RING #C-21 @ SAVER SUB; IN @ 0130 HRS. 8/15/95 @ 14158'; 166.50 CUM. HRS. OF EXP. \\\</p> <p>ROTATING HEAD RBBR. #2/185.50 ROT. HRS./385.25 HRS. INSTALLED</p> <p>WEATHER: CLOUDY, CALM, 60 DEG. F., NO NEW PRECIP. LAST 24 HRS. / LOC. & ACCESS: DRY/GOOD.</p>
08/23/95	16087	05:00 09:00	<p>PU AND RUN 91 JTS. OF 4 1/2" 11.6# N-80 LTC PERFORATED LINER, TOTAL OF 111 JTS 4787.63', 21 JTS OF 4 1/2" 15.1# P-110 ST L SOLID LINER 914.34', 2 XO 'S, 2.08', AND ON OFF TOOL 2.44' TOP OF LINER IS @ 10380.72'</p>

OPERATION SUMMARY REPORT

WELLNAME :JUDD 34-1H (RE)
 AFE No. :021144
 FIELD :LODGEPOLE TWIN CREEK

WELL No. :
 API No. :43-043-30301
 RIG :SST #56

SUMMARY OF OPERATIONS FROM REPORT No. 39 TO REPORT No. 41

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		09:00 12:30	TIH TO DROP OFF LINER, LANDED @ 16087'
		12:30 15:30	TRYING TO GET OFF LINER, COULDN'T SEE ANY WT DIFFERENCE
		15:30 16:00	RU AMERICAN PIPE LD MACHINE, LD 9 JTS, RD LD MACHINE.
		16:00 18:30	TOH LD ON OFF TOOL,
		18:30 23:30	TIH, SLM TO VERIFY LINER TOP. 10381
		23:30 24:00	SERVICE RIG, CHECK BOP
		24:00 05:00	LD DRILL PIPE ABOUT 2/3 LAID DOWN
			DRLG./24 HRS.:0.00 HRS./CUM.:373.75 HRS. ///
			RIG FUEL DELS./24 HRS.:0
			GALS./CUM.:29407 GALS. ///
			279.00 CUM. ROT. HRS. ON BHA SINCE LAST INSP.
			CORR. RING #16 @ TOP
			OF BHA; IN @ 0400 HRS. 8/8/95 @ 12870'; 408.75
			CUM. HRS. OF EXP.
			/ CORR. RING #C-21 @ SAVER SUB; IN @ 0130
			HRS. 8/15/95 @ 14158';
			166.50 CUM. HRS. OF EXP. ///
			ROTATING HEAD
			RBBR. #2/185.50 ROT. HRS./385.25 HRS. INSTALLED
			WATER METER READING 8/23/95 05:00 333032
			WEATHER: CLOUDY, CALM, 62 DEG. F.,
			NO NEW PRECIP. LAST 24 HRS.
			/ LOC. & ACCESS: DRY/GOOD.
08/24/95	16087	05:00 12:00	LD DRILL PIPE, BREAK KELLEY, LD DP, AND DCS RD LD MACHINE.
		12:00 24:00	ND BOP, AND CLEAN MUD TANKS, AND SKIMMER TANKS INSTALLED BULL PLUGED TBG. MANDREL, AND CAPPING FLANGE, WITH A 2" VALVE TO RELIEVE PRESSURE IF ANY.
		24:00 05:00	RELEASE RIG @ 24:00 8/23/95 RDRT.
			DRLG./24 HRS.:0.00 HRS./CUM.:373.75 HRS. ///
			RIG FUEL DELS./24 HRS.:0
			GALS./CUM.:29407 GALS. ///
			279.00 CUM. ROT. HRS. ON BHA SINCE LAST INSP.
			WATER METER READING 8/23/95 05:00 333032
			WEATHER: CLOUDY, CALM, 62 DEG. F.,
			1.1" NEW PRECIP. LAST 24 HRS., FELL IN 1 1/4 HR
			/ LOC. & ACCESS: WET/GOOD.

UNION PACIFIC RESOURCES COMPANY

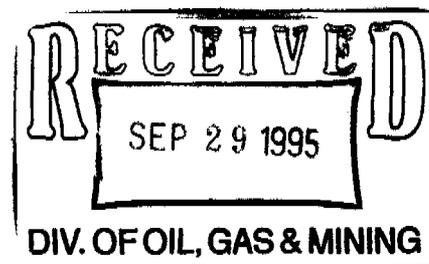
WELL REPORT

JUDD 34-1H (RE)

SEC. 34, T2N, R6E

SUMMIT COUNTY, UTAH

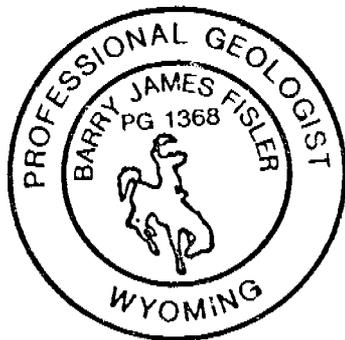
43 043 30301



Log-Rite Well Consulting

Barry Fisler

UNION PACIFIC RESOURCES COMPANY
JUDD 34-1H (RE)
Sec. 34, T2N, R6E
Summit County, Utah



Barry J. Fisler

Barry J. Fisler, Geologist
746 Valentine Drive
Sherman, TX 75090
(903) 893-8335

WELL DATA

OPERATOR: UNION PACIFIC RESOURCES COMPANY

WELL NAME: Judd 34-1H (RE)

SURFACE LOCATION: 711'FSL, 552'FWL, Sec. 34, T2N, R6E
Summit County, Utah

LATERAL #1 - RICH

BOTTOM HOLE LOCATION: 3710'N, 3364'E
869'FNL, 1364'FEL, Sec. 34, T2N, R6E

TOTAL DEPTH: 16,087'

TVD @ TOTAL DEPTH: 11493'

VERTICAL SECTION: 5000'

ELEVATION: GL: 7615' KB: 7639

SPUD DATE: July 14, 1995

DATE TOTAL DEPTH: August 21, 1995

DRILLING FOREMEN: Presenkowski, Cooper

WELLSITE GEOLOGISTS: Randy Wallis, Rock Springs, Wyoming
Barry J. Fisler, Sherman, Texas
Log-Rite Consulting, Timmath, Colorado

DRILLING CONTRACTOR: SST Rig #56
Asay- toolpusher

DRILLING MUD: Fresh/brine water to TD
Baroid
Bassett, Berg

CASING: Surface: 10 3/4" at 2000'
Intermediate: 7 5/8" at 10962'
Production: 4 1/2" thru curve

DIRECTIONAL COMPANY: Sperry Sun, Casper, Wyoming
Drillers: Wehrung, Kuhn
MWD: Niehaus, Stewart

STATUS: W.O.C.T.

DAILY WELL HISTORY

DATE	DEPTH	PROG	OPERATION	REMARKS
7/14-23	10980'	0'	Tripping	Set 5 cement plugs, drill same, prepare to kick-off.
7/24/95	11008'	28'	Time-Drilling	Time-Drill (slide) to Kick-off.
7/25/95	11077'	69'	Drilling	Time-Drill to 11012', slide to 11038', bit trip.
7/26/95	11420'	343'	Drilling	Slide & rotate.
7/27/95	11468'	48'	Tripping	Lose returns @ 11464'. Trip f BHA.
7/28/95	11550'	82'	Drilling	Trip to install restrictor sub. Log-Rite released @ 11600'.
7/29/95	11730'	180'	Drilling	Drilling w/ 25% returns.
7/30/95	11860'	130'	Drilling	Trip f/ PDC bit #8 & motor.
7/31/95	12221'	361'	Drilling	25% returns.
8/1/95	12523'	302'	Drilling	35% returns.
8/2/95	12745'	222'	Drilling	35% returns.
8/3/95	12839'	94'	Reaming	Log-Rite returns @ 12780'. Trip bit #8, ream 12290'-12338'
8/4/95	12870'	31'	Work tight spot in casing	Ream to bottom, drill to 12870'. Trip attempt stuck in csg @ 10397'
8/5-8/95	12870'	0'	Tripping	Back-off string @ 10860'. Trip f/ csg log. Egg shaped collapse @ salt, 10392'-10402'. Swage out, retrieve fish. Trip in w/ 6 1/4" bit #10.
8/9/95	13092'	222'	Drilling	40% returns.
8/10/95	13116'	24'	Reaming	Short trip tight hole, ream to 13075', trip bit & motor.
8/11/95	13244'	128'	Drilling	Ream to bottom, rotate & slide.
8/12/95	13547'	303'	Drilling	Rotate & slide.
8/13/95	13681'	134'	Tripping	Drill to 13660', work tight hole, trip bit #11. Drill to 13681', trip f/ MWD.

DAILY WELL HISTORY (Cont.)

<u>DATE</u>	<u>DEPTH</u>	<u>PROG</u>	<u>OPERATION</u>	<u>REMARKS</u>
8/14/95	13872'	191'	Drilling	Rotate & slide w/ bit #12.
8/15/95	14221'	349'	Drilling	Rotate & slide, 70-80% returns.
8/16/95	14541'	320'	Drilling	
8/17/95	14888'	347'	Drilling	
8/18/95	15200'	312'	Drilling	
8/19/95	15485'	285'	Drilling	
8/20/95	15778'	293'	Drilling	Short trip tight hole @ 15558'.
8/21/95	16,062'	284'	Drilling	
8/22/95	16,087'	25'	Tripping	TD @ 0630 hrs. Short trip to csg. Work tight hole. Prepare to run liner.

BIT RECORD

#	SIZE	MAKE	TYPE	OUT	FTG	HRS	WOB	RPM
1-3 used for hole preparation & drilling cement.								
4	6 1/2"	Sec	S33F	11038'	58'	17 1/4	5-15	244
5	6 1/2"	HTC	ATJ33	11468'	430'	46 1/4	10-15	244-284
6	6 1/2"	Sec	S86F	11468'	0			
7	6 1/2"	Reed	HP53A	11740'	272'	30 1/4	5-10	210
8	6 1/2"	PDC	PCS084	12839'	1099'	79 3/4	10-15	237-304
9	6 1/2"	Hyc	DS71H	12870'	31'	4 3/4	10-20	254-294
10	6 1/4"	Sec	S86F	13116'	246'	17 1/4	15-20	254-294
11	6 1/4"	Sec	GS86F	13660'	544'	39 3/4	15-20	254-294
12	6 1/4"	Hyc	DS71H	16087	2427'	155	15-20	254-304

FORMATION TOPS

<u>FORMATION</u>	<u>MEASURED DEPTH</u>	<u>TVD</u>	<u>SUB-SEA</u>
			KB 7639'
Leeds Creek	10921'	10900'	-3261'
Watton Canyon	11263'	11224'	-3585'
Watton Canyon target	11436'	11364'	-3725'
Base of target	11480'	11394'	-3755'
Boundary Ridge	11534'	11425'	-3786'
Rich target	11640'	11470'	-3831'
Base of target	11946'	11489'	-3850'
Boundary Ridge II	14868'	11480'	-3841'
Rich II	15026'	11487'	-3848'
Boundary Ridge III	15500'	11492'	-3853'
Rich III	15756'	11483'	-3844'
Total Depth	16087'	11493'	-3854'

FORMATION EVALUATION

The Judd 34-1H RE was initiated by setting several cement plugs in the well bore of the Judd 34-1H on July 14, 1995. This well had been producing about 700 bopd from the Watton Canyon member for about a year when production drastically plummeted, possibly due to activities from nearby wells. It is thought that the zone of production may have been inadvertently cemented off. The re-entry program involves drilling a new lateral into the Rich member as well as another Watton Canyon lateral. The Rich member looks promising in the nearby UPRR 4-1H well.

Soon after the Rich lateral approached the top of the Watton Canyon, oil shows were observed, most likely from fractures enhanced by previous production. Upon reaching the Watton Canyon target zone, all returns were lost and the services of Log-Rite were soon suspended.

Once returns ranged from 30-60%, Log-Rite resumed operations at 12780' while drilling in a northeasterly direction (33° Azimuth) in the Rich target zone. Three good shows of dark brown oil occurred in fractures at 13205', 14768', and 15115' MD. Returns averaged 80-50% and no further losses were noted. The lateral apparently faulted into the Boundary Ridge member at 14,868' and 15500', resulting in about 415' being drilled out the top of the target. Approximately 900' were drilled in the dirtier lime sections between and beneath the Rich target benches.

The desire to production test the Rich member alone resulted in the decision to cancel the Watton Canyon lateral, and the well reached a total depth of 16087' MD (500'VS) on August 21, 1995.

SPERRY-SUN DRILLING SERVICES
SURVEY DATA

UPRC

21-AUG-1995

34-1HRE

07:43:06

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
1 960.00	7.70	117.70	10938.97	46.63 S	373.30 E	213.30	0.00
10990.04	8.50	100.90	10968.71	47.99 S	377.26 E	214.92	8.28
1022.32	10.30	84.50	11000.57	48.16 S	382.48 E	218.26	9.94
1 054.12	13.70	70.30	11031.67	46.62 S	388.86 E	223.65	14.09
11085.89	16.20	61.90	11062.37	43.26 S	396.31 E	231.12	10.39
1 117.66	19.60	54.00	11092.60	38.04 S	404.53 E	240.48	13.13
1 149.36	22.80	47.60	11122.16	30.77 S	413.38 E	251.79	12.44
11181.11	26.20	42.10	11151.05	21.42 S	422.62 E	264.92	12.88
1 212.95	27.30	40.10	11179.48	10.62 S	432.04 E	279.25	4.46
1 244.77	28.60	40.20	11207.59	0.78 N	441.65 E	294.16	4.09
11276.58	30.10	41.80	11235.31	12.55 N	451.88 E	309.75	5.32
1 308.36	31.50	43.00	11262.61	24.56 N	462.86 E	326.02	4.81
1 340.17	33.50	41.80	11289.44	37.18 N	474.38 E	343.11	6.61
11371.97	36.40	38.60	11315.50	51.10 N	486.12 E	361.31	10.79
1 403.78	40.00	38.30	11340.50	66.51 N	498.35 E	380.95	11.33
11434.86	44.40	38.20	11363.52	82.90 N	511.27 E	401.78	14.16
1 466.64	48.10	41.50	11385.49	100.50 N	525.99 E	424.72	13.85
1 498.44	52.30	41.00	11405.84	118.87 N	542.09 E	449.14	13.26
11530.25	56.70	40.30	11424.31	138.52 N	558.95 E	475.03	13.95
11561.96	61.20	38.50	11440.66	159.51 N	576.18 E	502.17	15.00
11593.58	66.20	38.50	11454.67	181.68 N	593.83 E	530.46	15.81
11625.36	71.00	39.80	11466.26	204.62 N	612.50 E	560.01	15.58
11657.11	76.10	41.20	11475.25	227.76 N	632.28 E	590.45	16.61
11688.90	81.20	43.80	11481.50	250.73 N	653.33 E	621.60	17.93
11719.69	86.50	43.80	11484.80	272.82 N	674.51 E	652.18	17.21
11751.46	88.70	43.10	11486.13	295.86 N	696.34 E	683.90	7.27
11783.19	88.40	43.00	11486.93	319.04 N	717.99 E	715.61	1.00
11814.98	88.70	43.00	11487.74	342.28 N	739.67 E	747.38	0.94
11846.76	89.30	42.70	11488.29	365.58 N	761.28 E	779.15	2.11
11878.58	89.80	42.30	11488.54	389.03 N	782.77 E	810.97	2.01
11910.32	89.80	42.90	11488.65	412.40 N	804.25 E	842.70	1.89
11942.08	89.40	42.70	11488.88	435.70 N	825.83 E	874.46	1.41
11973.84	90.00	42.60	11489.04	459.06 N	847.35 E	906.21	1.92
12005.58	90.90	42.10	11488.79	482.52 N	868.73 E	937.95	3.24
12037.31	92.30	42.50	11487.91	505.98 N	890.08 E	969.66	4.59
12069.12	93.20	42.20	11486.38	529.46 N	911.48 E	1001.43	2.98
12100.94	93.30	42.70	11484.58	552.90 N	932.92 E	1033.20	1.60
12132.72	92.60	42.70	11482.94	576.22 N	954.45 E	1064.93	2.20
12164.49	91.40	41.60	11481.83	599.76 N	975.75 E	1096.68	5.12
12196.26	91.40	40.60	11481.06	623.69 N	996.63 E	1128.44	3.15

SPERRY-SUN DRILLING SERVICES
SURVEY DATA21-AUG-1995
07:43:06

UPRC
3^A-1HRE

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
1 228.02	92.60	40.40	11479.95	647.83 N	1017.25 E	1160.17	3.83
12259.81	93.50	40.20	11478.26	672.04 N	1037.78 E	1191.91	2.90
1 291.58	93.60	39.10	11476.29	696.45 N	1058.01 E	1223.60	3.47
1 323.34	94.40	38.60	11474.07	721.13 N	1077.88 E	1255.24	2.97
12355.02	94.50	38.50	11471.62	745.83 N	1097.57 E	1286.78	0.45
1 386.80	94.10	37.90	11469.23	770.73 N	1117.16 E	1318.41	2.26
1 418.56	93.80	38.40	11467.05	795.65 N	1136.74 E	1350.04	1.83
12450.38	92.40	37.80	11465.32	820.65 N	1156.34 E	1381.75	4.79
1 482.23	92.50	38.20	11463.96	845.73 N	1175.93 E	1413.50	1.29
1 514.00	92.20	38.40	11462.66	870.64 N	1195.61 E	1445.19	1.13
12545.83	91.00	39.20	11461.77	895.44 N	1215.54 E	1476.97	4.53
1 577.70	90.80	38.40	11461.27	920.27 N	1235.51 E	1508.80	2.59
1 609.43	90.00	38.50	11461.05	945.12 N	1255.24 E	1540.48	2.54
12641.19	89.70	38.60	11461.13	969.96 N	1275.03 E	1572.19	1.00
1 672.92	89.70	39.30	11461.30	994.63 N	1294.98 E	1603.88	2.21
12704.72	90.00	38.90	11461.38	1019.31 N	1315.04 E	1635.65	1.57
1 736.48	89.20	38.60	11461.60	1044.08 N	1334.91 E	1667.37	2.69
1 768.30	88.40	37.40	11462.27	1069.15 N	1354.50 E	1699.11	4.53
12798.71	88.90	36.50	11462.99	1093.44 N	1372.77 E	1729.41	3.38
12830.14	89.60	36.20	11463.40	1118.75 N	1391.40 E	1760.70	2.42
1 861.82	89.50	36.30	11463.65	1144.30 N	1410.13 E	1792.24	0.45
12893.60	88.70	36.80	11464.15	1169.83 N	1429.06 E	1823.89	2.97
1 925.48	88.50	35.90	11464.92	1195.50 N	1447.95 E	1855.63	2.89
1 957.26	88.40	35.90	11465.78	1221.23 N	1466.57 E	1887.23	0.31
12989.00	88.30	35.70	11466.70	1246.96 N	1485.13 E	1918.79	0.70
1 020.80	87.90	34.70	11467.75	1272.93 N	1503.45 E	1950.38	3.39
1 052.59	86.70	35.10	11469.25	1298.98 N	1521.62 E	1981.91	3.98
13084.33	83.80	36.00	11471.88	1324.71 N	1540.01 E	2013.36	9.56
1 116.14	83.80	35.50	11475.31	1350.38 N	1558.49 E	2044.81	1.56
1 147.88	84.70	33.00	11478.49	1376.48 N	1576.26 E	2076.13	8.33
1 179.71	85.90	33.30	11481.10	1403.04 N	1593.60 E	2107.50	3.89
1 211.47	86.40	32.20	11483.23	1429.69 N	1610.75 E	2138.80	3.80
1 243.32	87.60	32.00	11484.90	1456.63 N	1627.65 E	2170.17	3.82
1 275.10	88.60	31.50	11485.95	1483.64 N	1644.36 E	2201.46	3.52
1 306.83	89.60	32.40	11486.45	1510.56 N	1661.15 E	2232.73	4.24
1 338.66	90.30	33.40	11486.48	1537.28 N	1678.44 E	2264.18	3.83
1 370.44	91.80	35.60	11485.90	1563.47 N	1696.44 E	2295.71	8.38
1 402.25	91.10	35.00	11485.09	1589.42 N	1714.81 E	2327.31	2.90
1 433.99	90.50	33.50	11484.65	1615.65 N	1732.67 E	2358.78	5.09
1 465.65	90.50	33.80	11484.37	1642.01 N	1750.21 E	2390.13	0.95

SPERRY-SUN DRILLING SERVICES
SURVEY DATA

UPRC
3+-1HRE

21-AUG-1995
07:43:06

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
13497.45	88.90	34.00	11484.54	1668.40 N	1767.95 E	2421.64	5.07
13529.15	88.60	33.00	11485.23	1694.83 N	1785.44 E	2453.01	3.29
13560.98	88.20	33.90	11486.12	1721.37 N	1802.98 E	2484.50	3.09
13592.73	88.30	34.10	11487.09	1747.68 N	1820.72 E	2515.95	0.70
13624.35	88.60	35.20	11487.95	1773.69 N	1838.70 E	2547.33	3.60
13656.18	89.00	32.70	11488.61	1800.08 N	1856.47 E	2578.86	7.95
13687.97	89.10	32.90	11489.14	1826.80 N	1873.69 E	2610.26	0.70
13719.70	89.00	31.80	11489.67	1853.60 N	1890.66 E	2641.57	3.48
13751.50	88.40	32.80	11490.39	1880.47 N	1907.65 E	2672.94	3.67
13783.28	87.80	33.40	11491.44	1907.08 N	1925.00 E	2704.35	2.67
13815.04	87.50	33.90	11492.74	1933.50 N	1942.58 E	2735.77	1.83
13846.82	87.20	33.30	11494.21	1959.94 N	1960.15 E	2767.20	2.11
13878.54	86.80	35.30	11495.87	1986.10 N	1978.00 E	2798.62	6.42
13910.38	86.30	35.40	11497.79	2012.03 N	1996.38 E	2830.21	1.60
13942.17	86.10	36.00	11499.90	2037.79 N	2014.89 E	2861.76	1.99
13973.98	87.90	36.80	11501.56	2063.35 N	2033.74 E	2893.39	6.19
14005.79	89.50	36.60	11502.28	2088.85 N	2052.75 E	2925.07	5.07
14037.55	90.40	36.80	11502.31	2114.32 N	2071.73 E	2956.71	2.90
14069.34	90.30	37.80	11502.12	2139.60 N	2090.99 E	2988.41	3.16
14101.17	91.10	37.50	11501.73	2164.80 N	2110.43 E	3020.15	2.68
14132.94	92.20	38.00	11500.81	2189.91 N	2129.88 E	3051.84	3.80
14164.74	91.90	37.30	11499.67	2215.07 N	2149.29 E	3083.54	2.39
14196.49	91.80	36.50	11498.65	2240.45 N	2168.34 E	3115.16	2.54
14228.33	92.50	37.20	11497.45	2265.91 N	2187.42 E	3146.87	3.11
14260.08	92.40	38.10	11496.10	2291.02 N	2206.80 E	3178.51	2.85
14291.85	92.20	38.80	11494.82	2315.88 N	2226.54 E	3210.20	2.29
14323.65	92.60	38.90	11493.49	2340.63 N	2246.47 E	3241.94	1.30
14354.83	93.90	39.00	11491.72	2364.84 N	2266.04 E	3273.03	4.18
14386.61	94.20	37.20	11489.48	2389.78 N	2285.60 E	3304.67	5.73
14418.39	94.30	37.90	11487.12	2414.91 N	2304.91 E	3336.28	2.22
14450.21	94.10	37.70	11484.79	2439.99 N	2324.36 E	3367.95	0.89
14482.00	93.70	37.50	11482.63	2465.11 N	2343.71 E	3399.58	1.41
14513.80	93.30	36.80	11480.69	2490.41 N	2362.88 E	3431.22	2.53
14545.58	93.20	36.80	11478.89	2515.82 N	2381.89 E	3462.84	0.31
14577.37	93.20	35.90	11477.11	2541.38 N	2400.70 E	3494.44	2.83
14609.14	91.80	37.20	11475.73	2566.88 N	2419.60 E	3526.05	6.01
14640.94	88.90	37.40	11475.53	2592.17 N	2438.87 E	3557.76	9.14
14672.66	88.20	35.90	11476.34	2617.61 N	2457.80 E	3589.35	5.22
14704.41	88.70	36.60	11477.19	2643.21 N	2476.57 E	3620.94	2.71
14736.17	89.20	36.80	11477.78	2668.67 N	2495.54 E	3652.58	1.70

SPERRY-SUN DRILLING SERVICES
SURVEY DATA

UPRC
34-1HRE

21-AUG-1995
07:43:06

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
1 767.94	89.70	36.40	11478.08	2694.17 N	2514.48 E	3684.22	2.02
14799.73	89.40	38.70	11478.33	2719.37 N	2533.86 E	3715.93	7.30
14831.53	88.50	38.00	11478.91	2744.31 N	2553.58 E	3747.67	3.59
14863.30	88.90	39.70	11479.64	2769.04 N	2573.51 E	3779.39	5.50
14894.98	89.20	38.20	11480.16	2793.67 N	2593.42 E	3811.03	4.83
14926.75	88.60	38.70	11480.77	2818.55 N	2613.17 E	3842.74	2.46
14958.57	86.80	37.50	11482.05	2843.57 N	2632.79 E	3874.48	6.80
14990.35	86.00	38.60	11484.04	2868.54 N	2652.34 E	3906.13	4.27
15022.15	84.40	39.60	11486.70	2893.13 N	2672.32 E	3937.78	5.93
15053.92	84.00	38.50	11489.91	2917.68 N	2692.23 E	3969.36	3.67
15085.73	83.60	39.40	11493.35	2942.27 N	2712.11 E	4000.95	3.08
15117.54	84.20	39.40	11496.73	2966.72 N	2732.19 E	4032.55	1.89
15149.32	85.10	39.10	11499.69	2991.22 N	2752.21 E	4064.16	2.98
15181.10	86.50	38.80	11502.02	3015.87 N	2772.13 E	4095.82	4.50
15212.94	87.90	38.50	11503.58	3040.70 N	2791.99 E	4127.58	4.50
15244.68	88.30	40.90	11504.63	3065.11 N	2812.26 E	4159.28	7.66
15276.45	89.80	40.40	11505.16	3089.21 N	2832.95 E	4191.04	4.98
15308.23	91.50	40.40	11504.80	3113.41 N	2853.54 E	4222.81	5.35
15340.04	91.90	41.90	11503.85	3137.35 N	2874.47 E	4254.61	4.88
15371.77	93.20	42.50	11502.44	3160.83 N	2895.76 E	4286.30	4.51
15403.58	94.70	42.20	11500.25	3184.28 N	2917.13 E	4318.03	4.81
15435.32	95.00	42.10	11497.56	3207.73 N	2938.36 E	4349.66	1.00
15467.15	94.90	42.40	11494.82	3231.20 N	2959.68 E	4381.37	0.99
15499.08	95.10	42.70	11492.04	3254.64 N	2981.19 E	4413.17	1.13
15530.81	95.70	42.70	11489.05	3277.85 N	3002.61 E	4444.76	1.89
15562.51	95.20	42.50	11486.04	3301.08 N	3023.97 E	4476.31	1.70
15594.16	92.70	42.40	11483.86	3324.38 N	3045.28 E	4507.88	7.91
15625.94	91.10	40.60	11482.80	3348.16 N	3066.33 E	4539.64	7.58
15657.68	90.40	42.70	11482.39	3371.88 N	3087.42 E	4571.37	6.97
15689.48	89.70	41.20	11482.36	3395.53 N	3108.67 E	4603.17	5.21
15721.27	89.70	41.40	11482.53	3419.41 N	3129.66 E	4634.96	0.63
15753.07	89.50	40.70	11482.75	3443.39 N	3150.54 E	4666.76	2.29
15784.93	89.00	40.10	11483.17	3467.65 N	3171.19 E	4698.61	2.45
15816.70	87.70	39.80	11484.08	3491.99 N	3191.58 E	4730.35	4.20
15848.43	87.90	39.80	11485.30	3516.35 N	3211.87 E	4762.04	0.63
15880.23	88.00	40.30	11486.38	3539.46 N	3231.29 E	4792.21	1.69
15912.03	88.70	39.50	11487.29	3563.80 N	3251.65 E	4823.93	3.35
15943.83	88.30	39.70	11488.13	3588.27 N	3271.89 E	4855.67	1.41
15975.63	88.50	39.60	11489.01	3612.73 N	3292.17 E	4887.41	0.70
16007.43	88.10	39.40	11489.96	3637.25 N	3312.37 E	4919.16	1.41

SPERRY-SUN DRILLING SERVICES
SURVEY DATAUPRC
3^A-1HRE
21-AUG-1995
07:43:06

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
1 030.00	87.90	39.30	11490.80	3656.02 N	3327.76 E	4943.41	0.92

THE DOGLEG SEVERITY IS IN DEGREES PER 100 FEET
THE VERTICAL SECTION WAS COMPUTED ALONG 41.66°

BASED UPON MINIMUM CURVATURE TYPE CALCULATIONS. THE BOTTOM HOLE
DISPLACEMENT IS 4943.73 FEET IN THE DIRECTION OF 42.31°
COORDINATE VALUES ARE GIVEN RELATIVE TO THE PLATFORM REFERENCE POINT
VERTICAL SECTION IS GIVEN RELATIVE TO THE WELLHEAD LOCATION

SAMPLE DESCRIPTIONS

Lagged 20' samples were caught by rig crews from 10980' to 11460', when returns were lost, and from 12780' to 16087' with returns of 30-85%. Their quality was generally fair.

10980'-11020' Limestone, light gray-medium gray brown, gray, micro-crypto crystalline, occasionally very finely crystalline and micro-sucrosic, moderately dense.

11020'-11100' Limestone, medium-dark gray, microcrystalline, dense, slightly argillaceous.

11100'-11230' Limestone, medium-light gray, micro-very finely crystalline, moderately dense, moderately clean; Shale, trace, light blue green, waxy, soft.

Watton Canyon: 11263' (11224'TVD, -3585')

11230'-11380' Limestone, light-medium gray brown, crypto-microcrystalline, dense, slightly argillaceous.

11380'-11460' Limestone, light gray brown, cryptocrystalline, dense, slightly argillaceous.

Lost all returns @ 11466'

Watton Canyon Target: 11436' (11364'TVD, -3725')

Base of Target: 11480' (11394'TVD, -3755')

Log-Rite released at 11600' -no returns.

Log-Rite resumes services at 12780', 30-50% returns.

Rich Target: 11640' (11470'TVD, -3831')

12780'-12860' Limestone, light gray brown, cream, cryptocrystalline, dense, occasional euhedral calcite crystals; Shale, trace, red brown.

12860'-13060' Limestone, light gray brown, translucent, cream, cryptocrystalline, dense, clean; Shale, trace, black, carbonaceous.

13060'-13200' Limestone, medium-light gray brown, occasionally translucent, cryptocrystalline, dense, slightly argillaceous.

13200'-13240' Limestone, light-occasionally medium gray brown, crypto-micro-crystalline, dense, occasionally argillaceous, Moderate amount dark brown oil at shaker.

13240'-13340' Limestone, light gray brown, white-translucent, cryptocrystalline, dense, generally clean, decreasing to no oil at shaker.

SAMPLE DESCRIPTIONS (Cont.)

13340'-13660' Limestone, light-occasionally medium gray brown, white-translucent, cryptocrystalline, dense, clean, occasionally slightly argillaceous, trace euhedral calcite crystals.

13660'-13920' Limestone, light-occasionally medium gray brown, occasionally white, cryptocrystalline, dense, generally clean, slightly argillaceous in part.

13920'-14300' Limestone, light-medium gray brown, occasionally white, dense, cryptocrystalline, generally clean, slightly argillaceous.

14300'-14760' Limestone, light-occasionally medium gray brown, dense, crypto-occasionally microcrystalline, generally clean, occasionally slightly argillaceous.

14760'-14860' Limestone, light-medium gray brown, white, cryptocrystalline, dense, generally clean, occasionally argillaceous, trace dark brown oil on fracture surface, bright gold fluorescence, good streaming cut, abundant dark brown oil at shaker.

Boundary Ridge: 14868' (11480'TVD, -3841')

14860'-15020' Shale, light red brown, light brown, soft, calcareous, silty, no oil at shaker, Limestone, as above.

Rich: 15026' (11487'TVD, -3848')

15020'-15100' Limestone, white-translucent, medium gray, light gray brown, crypto-microcrystalline, dense, clean, slightly argillaceous.

15100'-15300' Limestone, light-medium gray brown, white-translucent, dense, crypto-microcrystalline, generally clean, occasionally slightly argillaceous, Abundant oil at shaker.

15300'-15500' Limestone, light-medium gray brown, white-translucent, dense, cryptocrystalline, generally clean, Mod amount oil at shaker.

Boundary Ridge: 15500' (11492'TVD, -3853')

15500'-15740' Shale, very light red brown, light brown, soft, calcareous, very silty, Moderate amount oil at shaker. Limestone, as above.

Rich: 15755' (11483'TVD -3844')

15740'-15840' Limestone, light gray brown, white, medium gray, crypto-micro crystalline, dense, clean, Mod-Abundant oil at shaker.

15840'-16087' Limestone, light gray brown, white-translucent, light gray, dense, crypto-microcrystalline, generally clean, occasionally slightly argillaceous, Mod-Trace oil at shaker.



**Union Pacific
Resources**

A Subsidiary of Union Pacific Corporation

January 15, 1996

Division of Oil, Gas and Mining
Utah Department of Natural Resources
3 Triad Center - Suite 350
355 West North Temple Street
Salt Lake City, Utah 84190

ATTN: Mr. Frank Matthews

**RE: Completion Report
UPRC Judd 34-1H (Redrill)
Section 34, T. 2 N., R. 6 E., SLM
Summit County, Utah**

Dear Mr. Matthews:

Enclosed please find one original completion report for the above referenced well. I apologize for not submitting the completion report in a timely fashion.

Please call me at (817) 877-7952, FAX (817) 87707942, if you have any questions or need additional information.

Yours truly,

UNION PACIFIC RESOURCES COMPANY

W. F. Brazelton
Senior Regulatory Analyst

CONFIDENTIAL

5. LEASE DESIGNATION AND SERIAL No.

UPRR Fee

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Judd

9. WELL NAME

UPRC Judd 34-1H Redrill

10. FIELD AND POOL, OR WILDCAT

Lodgepole

11. QQ, SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

NWNW Sec. 34, T. 2 N., R. 6 E.

12. COUNTY

Summit

13. STATE

Utah

1 a. TYPE OF WELL (X) OIL WELL (X) GAS WELL () DRY () OTHER

b. TYPE OF COMPLETION

() NEW WELL () WORKOVER (X) DEEPEN () PLUG BACK (X) DIFF. RESV. () OTHER

2. NAME OF OPERATOR

UNION PACIFIC RESOURCES COMPANY

JAN 19 1996

3. ADDRESS OF OPERATOR

P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007

DIVISION OF

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At Surface 711' FSL, 552' FWL Sec. 34, T. 2 N., R. 6 E.

At Proposed Producing Zone 927' FSL, 1174' FWL Sec. 34, T. 2 N., R. 6 E.

At Total Depth: 4411' FSL, 3916' FWL Sec. 34, T. 2 N., R. 6 E.

14. API NUMBER

43-043-32100

30301

DATE ASSIGNED

93-10-93

15. SPUD DATE

95-07-24

16. DATE TD REACHED

95-08-22

17. DATE COMPL. (Ready to prod.)

95-08-30

or (Plug & Abd.)

18. ELEVATIONS (DF, RKB, RT, GL, etc.)

GR - 7615'; KB - 7639' MSL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH (MD & TVD)

16087' MD/11493' TVD

21. PLUG BACK TD, MD & TVD

NA

22. IF MULTIPLE COMPL.,

HOW MANY

NA

23. INTERVAL

DRILLED BY

Rotary?

Yes

Cable Tools?

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD & TVD)

Rich (11640' MD/11470' TVD - Top; Rich at TD 16087' MD/11493' TVD)

(TWNCR)

25. WAS DIRECTIONAL SURVEY

MADE? Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN 9-21-95

MUD LOG, DILUGR, TVD, MD, FORM ANALYSIS

27. WAS WELL CORED? () Yes (X) No (Submit Analysis)

DRILL STEM TEST? () Yes (X) No (See Reverse Side)

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	106.5	77		5 CY Redi-mix	
10-3/4"	45.5	2000'			
7-5/8"	39	7945'		700 SX "G" +	
7-3/4"	46	10962'		570 SX CLASS "G"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)
4-1/2"	10381'	16087'	NA	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	10250'	NA
		NA

31. PERFORATION RECORD (Interval, size, and number)

Pre-perforated 4-1/2" liner @ 11295' - 16087' MD

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
NA	

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
95-09-02	Electric Submersible Pump	Producing					
DATE OF TEST	HOURS TESTED	COKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL.	GAS--MCF	WATER--BBL.	GAS - OIL RATIO
95-09-03	24	NA		164	0	309	NA
FLOW. TBG PRESSURE	CSG PRESSURE	CALCULATED	OIL--BBL.	GAS--MCF	WATER--BBL.	OIL GRAVITY - API (CORR.)	
		24-HOUR RATE	164	0	300		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

NA

TEST WITNESSED BY

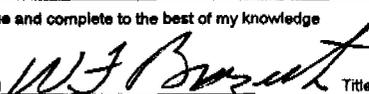
PAUL SMITH, UPRC

35. LIST OF ATTACHMENTS

Borehole Schematic Diagram

36. I hereby certify that this report is true and complete to the best of my knowledge

Signed: W. F. Brazelton



Title: Senior Regulatory Analyst

Date: 98-01-15

INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

ITEM 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completions), so state in Item 22,

and in Item 24 show the producing interval, or intervals, top(s), bottom(s), and name(s) for only the interval reported in Item 33. Submit a

separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data

pertinent to such interval.

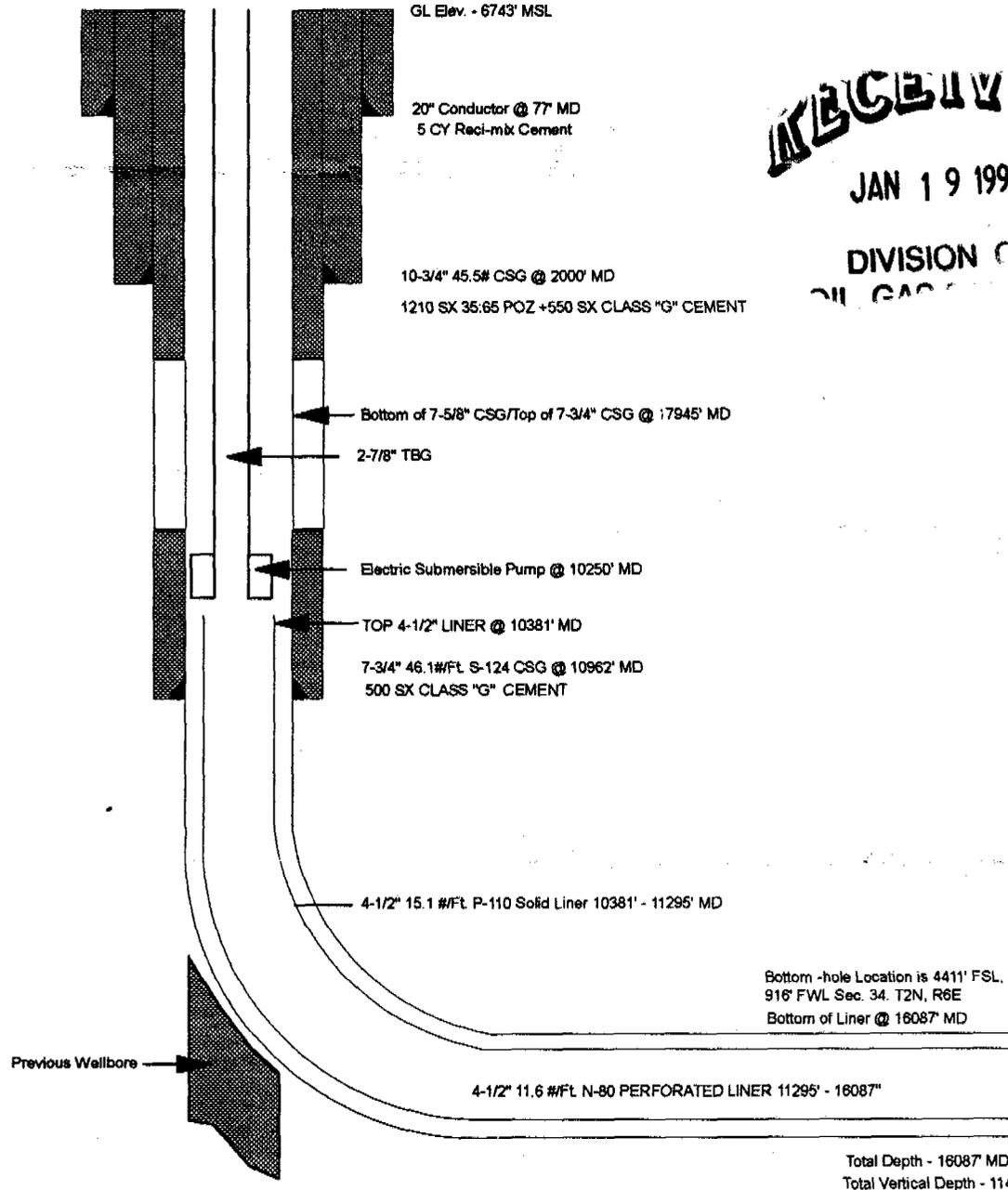
ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this for each interval to be separately produced (see instruction for Items 22 and 24 above).

38. GEOLOGIC MARKERS					
Formation	Top	Bottom	Description, contents, etc	Top	
				Measured Depth	True Vertical Depth
				10921'	10900'
			Leeds Creek	11263'	11224'
			Watton Canyon	11436'	11364'
			Watton Canyon Target	11480'	11394'
			Base of Target	11534'	11425'
			Boundary Ridge	11640'	11470'
			Rich Target	11946'	11489'
			Base of Target	14868'	11480'
			Boundary Ridge II	15026'	11487'
			Rich II	15500'	11492'
			Boundary Ridge III	15756'	11483'
			Rich III		

WELL NAME: Judd 34-1H (Redrill)
 Sec. 34, T. 2 N., R. 6 E., SLM
 SURF. LOC. - 711' FSL, 552' FWL Sec. 34,
 T. 2 N., R. 6 E
 Summit County, Utah
 API No. 43-043-03031

DATE: 96-01-12
 BY: WFB
 FIELD: Lodgepole
 SPUD DATE: 95-07-24



RECEIVED
JAN 19 1996
 DIVISION OF
 OIL GAS

UNION PACIFIC RESOURCES COMPANY

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

RON REAMES
 UNION PACIFIC RESOURCES CO
 PO. BOX 7
 FORT WORTH TX 76101-0007

UTAH ACCOUNT NUMBER: N9465

REPORT PERIOD (MONTH/YEAR): 12 / 98

AMENDED REPORT (Highlight Changes)

Well Name	Well Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes			
							OIL(BBL)	GAS(MCF)	WATER(BBL)	
PINEVIEW 4-3	4304330077	02210	02N 07E 4	TWNCR			fee (POW)			
PINEVIEW 4-4S	4304330083	02215	02N 07E 4	FRTR			fee (SOW)			
BLONQUITST 26-3	4304330235	02595	02N 06E 26	TWNCR			fee (SOW)			
NEWTON SHEEP 1	4304330284	10768	02N 07E 18	TWNCR			fee (SOW)			
UPRR 1H 19-2X (RIG SKID)	4304330300	11592	02N 07E 19	TWNCR			fee (SOW)			
JUDD 34-1H	4304330301	11607	02N 06E 34	TWNCR			fee (POW)			
IR 3-10	4304330302	11626	02N 07E 3	NGSD			fee (POW)			
UPRR 17-2H	4304330304	11647	02N 07E 17	TWNCR			fee (POW)			
UPRR 35-2H (MULTI-LEG)	4304330305	11659	02N 06E 35	TWNCR			fee (POW)			
NEWTON SHEEP 20-1H (MULTI-LEG)	4304330310	11696	02N 07E 20	TWNCR			fee (SOW)			
JUDD 4-1H	4304330311	11750	01N 06E 4	WTCYN			fee (POW)			
NEWTON SHEEP 24-1H	4304330308	11755	02N 06E 24	WTCYN			fee (SOW)	CA# WTU 74807		
BLONQUITST 26-1H	4304330314	11950	02N 06E 26	WTCYN			fee (SOW)			
TOTALS										

REMARKS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS <small>Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.</small>	5. Lease Designation and Serial No. Fee
	6. If Indian, Allocated or Tribe Name NA
	7. Unit Agreement Name NA
	8. Well Name and Number Judd 34-1H
	9. API Well Number 43-043-30301
10. Field and Pool, or Wildcat Lodgepole	

1. Type of Well: OIL (X) GAS () OTHER: () INJ. ()

2. Name of Operator
Union Pacific Resources Company

3. Address and Telephone Number
P. O. Box 7 MS 29-3006-01 Fort Worth, Texas 76101-0007
Telephone (817) 321-6739

4. Location of Well

Footages 711' FSL, 552' FWL County Summit
 QQ, Sec., T., R., M. (SWSW) Sec. 34, T2N-R6E State Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

() Abandonment () New Construction
 () Casing Repair () Pull or Alter Casing
 () Change of Plans () Recompletion
 () Conversion to Injection () Shoot or Acidize
 () Fracture Test () Vent or Flare
 () Multiple Completion () Water Shutoff
 (X) Other: **Change of Operator**

Approximate date work will start: Upon Approval

SUBSEQUENT REPORT
(Submit Original Form Only)

() Abandonment * () New Construction
 () Casing Repair () Pull or Alter Casing
 () Change of Plans () Shoot or Acidize
 () Conversion to Injection () Vent or Flare
 () Fracture Treat () Water Shut-Off Shutoff
 () Other _____

Date of work completion _____

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
 * Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Union Pacific Resources Company has sold the captioned well to Citation Oil & Gas Corp. P. O. Box 690688, Houston, Texas 77269-0688 and requests that Citation be named Operator of Record effective January 1, 1999. Please release this well from coverage under Union Pacific Resources Company's Utah Statewide Bond #2447222.

On behalf of Union Pacific Resources Company I hereby certify that the foregoing is true and correct:

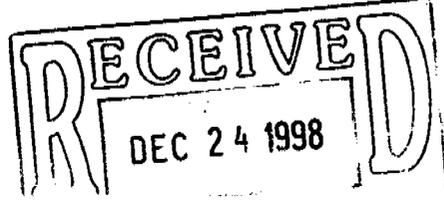
Dorothy Moravek *D Moravek* Title: Regulatory Analyst Date 12-18-98

By execution of this document, Citation Oil & Gas Corp. requests the State of Utah to approve it as Operator of Record for the above captioned well. Citation accepts responsibility for this well under it's Utah Statewide Bond #587800.

13. On behalf of Citation Oil & Gas Corp. I hereby certify that the foregoing is true and correct:

Robert T. Kennedy *Robert T. Kennedy* Title: Vice President-Land Date: 12-22-98

(This space for State use only)





State of Utah
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
 Governor
 Ted Stewart
 Executive Director
 Lowell P. Braxton
 Division Director

1594 West North Temple, Suite 1210
 PO Box 145801
 Salt Lake City, Utah 84114-5801
 801-538-5340
 801-359-3940 (Fax)
 801-538-7223 (TDD)

January 27, 1999

Union Pacific Resources Company
 Attn: Dorothy Moravek
 P.O. Box 7 MS 29-3006-01
 Fort Worth, Texas 76101-0007

Re: Notification of Sale or Transfer of Fee Lease Interest

The Division has received notification of a change of operator from Union Pacific Resources Co. to Citation Oil & Gas Corporation for the following well(s) which are located on a fee lease:

<u>Well Name</u>	<u>Sec.-T.-R.</u>	<u>API Number</u>
Bingham 1-43-3	03-02N-07E	43-043-30029
Judd 34-3	34-02N-06E	43-043-30098
Judd 34-1	34-02N-06E	43-043-30061
UPRR 3-1	03-02N-07E	43-043-30012
UPRR 3-2	03-02N-07E	43-043-30015
UPRR 3-6	03-02N-07E	43-043-30036
UPRR 3-9	03-02N-07E	43-043-30151
Bingham 2-1	02-02N-07E	43-043-30026
Bingham 2-1A	02-02N-07E	43-043-30125
Bingham 2-2	02-02N-07E	43-043-30028
Bingham 2-3	02-02N-07E	43-043-30033
Bingham 2-4	02-02N-07E	43-043-30038
Bingham 10-1	10-02N-07E	43-043-30025
Pineview 4-3	04-02N-07E	43-043-30077
Pineview 4-4S	04-02N-07E	43-043-30083
Blonquist 26-3	26-02N-06E	43-043-30235
Newton Sheep 1	18-02N-07E	43-043-30284
UPRR 1H 19-2X	19-02N-07E	43-043-30300
Judd 34-1H	34-02N-06E	43-043-30301
UPRR 3-10	03-02N-07E	43-043-30302
UPRR 17-2H	17-02N-07E	43-043-30304

Page 2
Dorothy Moravek
Notification of Sale
January 27, 1999

<u>Well Name</u>	<u>Sec.-T.-R.</u>	<u>API Number</u>
UPRR 35-2H	35-02N-06E	43-043-30305
Newton Sheep 20-1H	20-02N-07E	43-043-30310
Judd 4-1H	04-01N-06E	43-043-30311
Blonquist 26-1H	26-02N-06E	43-043-30314
Bingham 2-6H	02-02N-07E	43-043-30317
UPR 3-11H	03-02N-07E	43-043-30318
Blonquist 26-4	26-02N-06E	43-043-30268
UPRC 33-1	33-02N-06E	43-043-30233
Clark 4-1	04-02N-07E	43-043-30071
UPRC 1	17-02N-07E	43-043-30290
B.A. Bingham & Sons 1	02-02N-07E	43-043-30295

Utah Administrative Rule R649-2-10 states; the owner of a lease shall provide notification to any person with an interest in such lease, when all or part of that interest in the lease is sold or transferred.

This letter is written to advise Union Pacific Resources Co. of its responsibility to notify all individuals with an interest in this lease (royalty interest and working interest) of the change of operator. Please provide written documentation of this notification to:

Utah Royalty Owners Association
Box 1292
Roosevelt, Utah 84066

Page 3
Dorothy Moravek
Notification of Sale
January 27, 1999

Your assistance in this matter is appreciated.

Sincerely,

A handwritten signature in black ink that reads "Kristen D. Risbeck". The signature is written in a cursive style with some capital letters.

Kristen D. Risbeck

cc: Citation Oil & Gas Corporation
Utah Royalty Owners Association, Kent Stringham
John R. Baza, Associate Director
Operator File(s)

March 29, 1999

Kristen Risbeck
State of Utah
P O Box 145801
Salt Lake City, Utah 84114-5801

Re: Transfer of Authority to Inject

Dear Ms. Risbeck:

Enclosed please find an original and one copy of the form 5 to transfer the following wells into Citation Oil & Gas Corp.'s name.

UPRC 33-1 SWD	43-043-30233
Blonquist 26-4 SWD	43-043-30268
Clark 4-1 SWD	43-043-30071
Exxon UPRC #1 SWD	43-043-30290
B. A. Bingham & Sons Inc. #1	43-043-30295

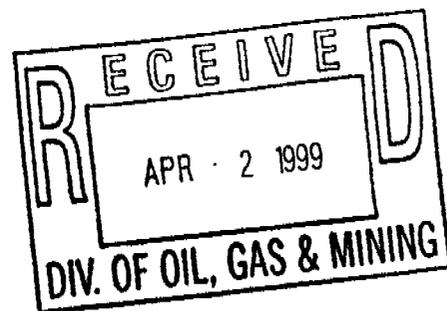
If you have any questions regarding this form, please contact the undersigned at 281-469-9664.
Thank you.

Sincerely,

Sharon Ward

Sharon Ward
Regulatory Administrator

Cc: Dorothy Moravek
UPRC



OPERATOR CHANGE WORKSHEET

Routing:	
1-KDR ✓	6-KAS ✓
2-CLH ✓	7-SJ
3-JRB ✓	8-FILE
4-CDWL ✓	
5-KDR ✓	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold)
- Designation of Operator
- Designation of Agent
- Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 1-1-99

TO: (new operator) (address) <u>CITATION OIL & GAS CORP</u> <u>P.O. BOX 690688</u> <u>HOUSTON, TX 77269-0688</u> <u>RUTH ANN ALFORD</u> Phone: <u>(281)469-9664</u> Account no. <u>N0265</u>	FROM: (old operator) (address) <u>UNION PACIFIC RESOURCES CO</u> <u>P.O. BOX 7 MS 29-3006-01</u> <u>FORT WORTH, TX 76101-0007</u> <u>DOROTHY MORAVEK</u> Phone: <u>(817)321-6739</u> Account no. <u>N9465</u>
---	--

WELL(S) attach additional page if needed:

Name: <u>*SEE ATTACHED*</u>	API: <u>43,043,30301</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- KDR 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 12.24.98)*
- KDR 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 12.24.98)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) _____ If yes, show company file number: _____
- U/A 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- KDR 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(3.11.99)*
- KDR 6. Cardex file has been updated for each well listed above.
- N/A 7. Well file labels have been updated for each well listed above. *(New filing system)*
- KDR 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(3.11.99)*
- KDR 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- VDP 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) NO If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- VDP 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- VDP 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
(rec'd 2.11.99 Bond # RSB-670565)
- VDP 2. A copy of this form has been placed in the new and former operator's bond files.
- VDP 3. The FORMER operator has requested a release of liability from their bond (yes/no) YES, as of today's date _____ . If yes, division response was made to this request by letter dated 3.10.99.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- VDP 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 1.27.99 19 __, of their responsibility to notify all interest owners of this change.

FILMING

- VDP 1. All attachments to this form have been microfilmed. Today's date: 5.12.99.

FILING

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

Fee

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:

Judd 34-1H

2. NAME OF OPERATOR:
Citation Oil & Gas Corp.

9. API NUMBER:

~~4904330304~~ 43-043-30301

3. ADDRESS OF OPERATOR:
P O Box 690688 CITY Houston STATE TX ZIP 77269-9667

PHONE NUMBER:
(281) 517-7800

10. FIELD AND POOL, OR WILDCAT:

Lodge Pool

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 711 FSL & 552' FWL

COUNTY: Summit

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 34 2N 6E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/22/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Pump Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

11/17/2007 MIRU Hot Oil truck on well and loaded tubing. Pressured tbg to 800# held good.
11/18/2007 MIRU, unhung well and LD horse head. Vented off well. RU to pull rods. Started pulling rods. Got OOH w/ 150 rods. SDFD
11/20/2007 RU wtr truck and flushed rods with hot wtr. TOO H w/ remaining rods and pump. Pump would not scope in completely, suspect plunger problem or traveling valve. PU new pump and TIH w/ pump and rods.
11/21/2007 Seated pump. Had trouble spacing pump stroke. Unheated pump, RU wtr truck and loaded tbg w/ produced wtr. Stoked pump w/ rig, pumped up to 600# and held. RD MO RTP.

NAME (PLEASE PRINT) Bridget Lisenbe

TITLE Permitting Analyst

SIGNATURE Bridget Lisenbe

DATE 12/11/2007

(This space for State use only)

RECEIVED

DEC 17 2007

MONTHLY SUMMARY REPORT OF GAS PROCESSING PLANT OPERATIONS - FORM 13-A

FACILITY PINEVIEW GAS PLANT
 OPERATOR CITATION OIL AND GAS CORP.
 ADDRESS 14077 CUTTEN ROAD
HOUSTON, TX 77069-2212

OPERATIONS MONTH/YR Mar-13

CORRECTED REPORT []

GAS ACQUISITIONS		MCF
1. GAS INTO GATHERING SYSTEM		25816
2. DISPOSITIONS OF UNPROCESSED WET GAS FROM GATHERING SYSTEM (explain)		
3. PLANT INTAKE FROM GATHERING SYSTEM (Plant meters)		25816
4. (LOSS) OR GAIN (line 3 - line 1 = line 2)		
5. GAS FROM OTHER PROCESSING PLANTS (Plant names):		
6. GAS FROM MAIN TRANSMISSION LINE (Pipeline company):		
7. GAS WITHDRAWN FROM STORAGE		
TOTAL ACQUISITIONS (add lines 3, 5, 6, and 7)		25816

GAS DISPOSITIONS		MCF	
1. PLANT FUEL	3,302	7. CYCLED	
2. VENTED/FLARED	0	8. UNDERGROUND STORAGE	
3. EXTRACTION LOSS (SHRINKAGE)	7,234	9. OTHER PROCESSING PLANTS	
4. FIELD FUEL & USE	383	10. TRANSMISSION LINE	14,832
5. LIFT GAS		11. METER DIFFERENTIAL - LOSS/(GAIN)	65
6. REPRESSURING/PRESSURE MAINTENANCE		12. OTHER DISPOSITIONS (explain)	
TOTAL DISPOSITIONS (add lines 1 through 12)		25,816	

PLANT PRODUCTION, RECEIPTS, DELIVERIES, AND STOCK IN GALLONS					
PRODUCT	OPENING STOCK	RECEIPTS	PRODUCTION	DELIVERIES	CLOSING STOCK
ETHANE					
PROPANE					
ISO-BUTANE					
BUTANE					
NGL MIX	63,300		140,676	152,076	51,900
GASOLINE					
CONDENSATE					
KEROSENE					
OTHER:					
TOTAL	63,300		140,676	152,076	51,900

BTU OF GAS SOLD 1.2207

PRODUCTION OF SULFUR FROM PROCESSING NATURAL GAS: _____ LONG TONS

COMMENTS:
 No propane sales this month; propane stock sold off 1/99.
 Plant now selling only NGL Mix.

I HEREBY CERTIFY THAT THIS REPORT IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.


 SIGNATURE Diane Cerny
 Production Analyst I
 TITLE
 DATE 4/23/2013

Phone No. (281) 891-1562

APR 29 2013

MONTHLY REPORT OF GAS PROCESSING PLANT PRODUCT ALLOCATIONS - FORM 13-B

FACILITY OPERATOR ADDRESS PINEVIEW GAS PLANT
 CITATION OIL AND GAS CORP.
 14077 CUTTEN ROAD
 HOUSTON, TX 77070-5623

PAGE 1 OF 1 OPERATIONS MONTH/YR Mar-13

CORRECTED REPORT ()

WELL OPERATOR	WELL NAME	API NUMBER	METERED WELL VOLUME (MCF)	RESIDUE GAS RETURNED TO FIELD (MCF)	ALLOCATIONS:	
					RESIDUE GAS SOLD (MCF)	NGLS (GALLONS)
CITATION OIL AND GAS CORP.	BINGHAM 2-1	43-043-30026	3,813	56	2,210	20,486
CITATION OIL AND GAS CORP.	BINGHAM 2-1A	43-043-30125	2,753	41	1,641	15,827
CITATION OIL AND GAS CORP.	BINGHAM 2-6H	43-043-30317	347	5	209	1,444
CITATION OIL AND GAS CORP.	BINGHAM 10-1	43-043-30025	0	0	0	0
CITATION OIL AND GAS CORP.	BINGHAM 1-42-3	43-043-30029	2,705	40	1,578	15,366
CITATION OIL AND GAS CORP.	UPRR 3-2	43-043-30015	1,319	20	730	9,082
CITATION OIL AND GAS CORP.	UPRR 3-6 TWCNG	43-043-30036	8,140	121	4,652	50,903
CITATION OIL AND GAS CORP.	UPRR 3-9	43-043-30151	3,698	55	2,070	22,146
CITATION OIL AND GAS CORP.	UPRR 3-10	43-043-30302	3,041	45	1,742	16,822
CITATION OIL AND GAS CORP.	JUDD 34-1H	43-043-30301	0	0	0	0
TOTALS (TOTAL ONLY IF THIS IS LAST PAGE OF REPORT)			25,816	383	14,832	152,076

COMMENTS:

I HEREBY CERTIFY THAT THIS REPORT IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.


 SIGNATURE Diane Cerny DATE 23-Apr-13
 TITLE Production Analyst I
 PHONE NO. - 281-891-1562

APR 29 2013

Revision

MONTHLY REPORT OF GAS PROCESSING PLANT PRODUCT ALLOCATIONS - FORM 13-B

FACILITY OPERATOR ADDRESS
 PINEVIEW GAS PLANT
 CITATION OIL AND GAS CORP.
 14077 CUTTEN ROAD
 HOUSTON, TX 77070-5623

PAGE 1 OF 1
 OPERATIONS MONTH/YR
 Mar-13

CORRECTED REPORT ()

WELL OPERATOR	WELL NAME	API NUMBER	METERED WELL VOLUME (MCF)	RESIDUE GAS RETURNED TO FIELD (MCF)	ALLOCATIONS:	
					RESIDUE GAS SOLD (MCF)	NGLS (GALLONS)
CITATION OIL AND GAS CORP.	BINGHAM 2-1	43-043-30026	3,815	56	2,213	20,498
CITATION OIL AND GAS CORP.	BINGHAM 2-1A	43-043-30125	2,753	41	1,641	15,827
CITATION OIL AND GAS CORP.	BINGHAM 2-6H	43-043-30317	347	5	209	1,444
CITATION OIL AND GAS CORP.	BINGHAM 10-1	43-043-30025	0	0	0	0
CITATION OIL AND GAS CORP.	BINGHAM 1-42-3	43-043-30029	2,706	40	1,578	15,372
CITATION OIL AND GAS CORP.	UPRR 3-2	43-043-30015	1,317	20	729	9,069
CITATION OIL AND GAS CORP.	UPRR 3-6 TWCNG	43-043-30036	8,137	121	4,650	50,886
CITATION OIL AND GAS CORP.	UPRR 3-9	43-043-30151	3,699	55	2,070	22,153
CITATION OIL AND GAS CORP.	UPRR 3-10	43-043-30302	3,042	45	1,742	16,827
CITATION OIL AND GAS CORP.	JUDD 34-1H	43-043-30301	0	0	0	0
TOTALS (TOTAL ONLY IF THIS IS LAST PAGE OF REPORT)			25,816	383	14,832	152,076

COMMENTS:

I HEREBY CERTIFY THAT THIS REPORT IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

Diane Cerny
 SIGNATURE Diane Cerny DATE
 TITLE Production Analyst I 09-May-13
 PHONE NO. - 281-891-1562

RECEIVED

MAY 28 2013

DIV. OF OIL, GAS & MINING

Revision

MONTHLY REPORT OF GAS PROCESSING PLANT PRODUCT ALLOCATIONS - FORM 13-B

FACILITY OPERATOR ADDRESS PINEVIEW GAS PLANT CITATION OIL AND GAS CORP. 14077 CUTTEN ROAD HOUSTON, TX 77070-5623

PAGE 1 OF 1 OPERATIONS MONTH/YR Mar-13

CORRECTED REPORT ()

WELL OPERATOR	WELL NAME	API NUMBER	METERED WELL VOLUME (MCF)	RESIDUE GAS RETURNED TO FIELD (MCF)	ALLOCATIONS:	
					RESIDUE GAS SOLD (MCF)	NGLS (GALLONS)
CITATION OIL AND GAS CORP.	BINGHAM 2-1	43-043-30026	3,815	56	2,213	20,498
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CITATION OIL AND GAS CORP.	BINGHAM 1-42-3	43-043-30029	2,706	40	1,578	15,372
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CITATION OIL AND GAS CORP.	UPRR 3-9	43-043-30151	3,699	55	2,070	22,153
CITATION OIL AND GAS CORP.	UPRR 3-10	43-043-30302	3,042	45	1,742	16,827
CITATION OIL AND GAS CORP.	JUDD 34-1H	43-043-30301	0	0	0	0
TOTALS (TOTAL ONLY IF THIS IS LAST PAGE OF REPORT)			25,816	383	14,832	152,076

COMMENTS:

I HEREBY CERTIFY THAT THIS REPORT IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

Diane Cerny
SIGNATURE Diane Cerny DATE 09-May-13
TITLE Production Analyst I
PHONE NO. - 281-891-1562

RECEIVED
MAY 22 2013
DIV. OF OIL, GAS & MINING

MONTHLY SUMMARY REPORT OF GAS PROCESSING PLANT OPERATIONS - FORM 13-A

FACILITY PINEVIEW GAS PLANT
 OPERATOR CITATION OIL AND GAS CORP.
 ADDRESS 14077 CUTTEN ROAD
HOUSTON, TX 77069-2212

OPERATIONS MONTH/YR Mar-13

CORRECTED REPORT []

GAS ACQUISITIONS		MCF
1. GAS INTO GATHERING SYSTEM		25816
2. DISPOSITIONS OF UNPROCESSED WET GAS FROM GATHERING SYSTEM (explain)		
3. PLANT INTAKE FROM GATHERING SYSTEM (Plant meters)		25816
4. (LOSS) OR GAIN (line 3 - line 1 = line 2)		
5. GAS FROM OTHER PROCESSING PLANTS (Plant names):		
6. GAS FROM MAIN TRANSMISSION LINE (Pipeline company):		
7. GAS WITHDRAWN FROM STORAGE		
TOTAL ACQUISITIONS (add lines 3, 5, 6, and 7)		25816

GAS DISPOSITIONS		MCF	
1. PLANT FUEL	3,302	7. CYCLED	
2. VENTED/FLARED	0	8. UNDERGROUND STORAGE	
3. EXTRACTION LOSS (SHRINKAGE)	7,234	9. OTHER PROCESSING PLANTS	
4. FIELD FUEL & USE	383	10. TRANSMISSION LINE	14,832
5. LIFT GAS		11. METER DIFFERENTIAL - LOSS/(GAIN)	65
6. REPRESSURING/PRESSURE MAINTENANCE		12. OTHER DISPOSITIONS (explain)	
TOTAL DISPOSITIONS (add lines 1 through 12)		25,816	

PLANT PRODUCTION, RECEIPTS, DELIVERIES, AND STOCK IN GALLONS					
PRODUCT	OPENING STOCK	RECEIPTS	PRODUCTION	DELIVERIES	CLOSING STOCK
ETHANE					
PROPANE					
ISO-BUTANE					
BUTANE					
NGL MIX	63,300		140,676	152,076	51,900
GASOLINE					
CONDENSATE					
KEROSENE					
OTHER:					
TOTAL	63,300		140,676	152,076	51,900

BTU OF GAS SOLD 1.2207

PRODUCTION OF SULFUR FROM PROCESSING NATURAL GAS: _____ LONG TONS

COMMENTS:
 No propane sales this month; propane stock sold off 1/99.
 Plant now selling only NGL Mix.

I HEREBY CERTIFY THAT THIS REPORT IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.


 SIGNATURE Diane Cerny
 Production Analyst I
 TITLE
 4/23/2013
 DATE

Phone No. (281) 891-1562

APR 29 2013

MONTHLY REPORT OF GAS PROCESSING PLANT PRODUCT ALLOCATIONS - FORM 13-B

FACILITY OPERATOR ADDRESS PINEVIEW GAS PLANT
 CITATION OIL AND GAS CORP.
 14077 CUTTEN ROAD
 HOUSTON, TX 77070-5623

PAGE 1 OF 1 OPERATIONS MONTH/YR Mar-13

CORRECTED REPORT ()

WELL OPERATOR	WELL NAME	API NUMBER	METERED WELL VOLUME (MCF)	RESIDUE GAS RETURNED TO FIELD (MCF)	ALLOCATIONS:	
					RESIDUE GAS SOLD (MCF)	NGLS (GALLONS)
CITATION OIL AND GAS CORP.	BINGHAM 2-1	43-043-30026	3,813	56	2,210	20,486
CITATION OIL AND GAS CORP.	BINGHAM 2-1A	43-043-30125	2,753	41	1,641	15,827
CITATION OIL AND GAS CORP.	BINGHAM 2-6H	43-043-30317	347	5	209	1,444
CITATION OIL AND GAS CORP.	BINGHAM 10-1	43-043-30025	0	0	0	0
CITATION OIL AND GAS CORP.	BINGHAM 1-42-3	43-043-30029	2,705	40	1,578	15,366
CITATION OIL AND GAS CORP.	UPRR 3-2	43-043-30015	1,319	20	730	9,082
CITATION OIL AND GAS CORP.	UPRR 3-6 TWCNG	43-043-30036	8,140	121	4,652	50,903
CITATION OIL AND GAS CORP.	UPRR 3-9	43-043-30151	3,698	55	2,070	22,146
CITATION OIL AND GAS CORP.	UPRR 3-10	43-043-30302	3,041	45	1,742	16,822
CITATION OIL AND GAS CORP.	JUDD 34-1H	43-043-30301	0	0	0	0
TOTALS (TOTAL ONLY IF THIS IS LAST PAGE OF REPORT)			25,816	383	14,832	152,076

COMMENTS:

I HEREBY CERTIFY THAT THIS REPORT IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.


 SIGNATURE Diane Cerny DATE 23-Apr-13
 TITLE Production Analyst I
 PHONE NO. - 281-891-1562

APR 29 2013

Revision

MONTHLY REPORT OF GAS PROCESSING PLANT PRODUCT ALLOCATIONS - FORM 13-B

FACILITY OPERATOR ADDRESS
 PINEVIEW GAS PLANT
 CITATION OIL AND GAS CORP.
 14077 CUTTEN ROAD
 HOUSTON, TX 77070-5623

PAGE 1 OF 1
 OPERATIONS MONTH/YR
 Mar-13

CORRECTED REPORT ()

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					RESIDUE GAS SOLD (MCF)	NGLS (GALLONS)
CITATION OIL AND GAS CORP.	BINGHAM 2-1	43-043-30026	3,815	56	2,213	20,498
CITATION OIL AND GAS CORP.	BINGHAM 2-1A	43-043-30125	2,753	41	1,641	15,827
CITATION OIL AND GAS CORP.	BINGHAM 2-6H	43-043-30317	347	5	209	1,444
CITATION OIL AND GAS CORP.	BINGHAM 10-1	43-043-30025	0	0	0	0
CITATION OIL AND GAS CORP.	BINGHAM 1-42-3	43-043-30029	2,706	40	1,578	15,372
CITATION OIL AND GAS CORP.	UPRR 3-2	43-043-30015	1,317	20	729	9,069
CITATION OIL AND GAS CORP.	UPRR 3-6 TWCNG	43-043-30036	8,137	121	4,650	50,886
CITATION OIL AND GAS CORP.	UPRR 3-9	43-043-30151	3,699	55	2,070	22,153
CITATION OIL AND GAS CORP.	UPRR 3-10	43-043-30302	3,042	45	1,742	16,827
CITATION OIL AND GAS CORP.	JUDD 34-1H	43-043-30301	0	0	0	0
TOTALS (TOTAL ONLY IF THIS IS LAST PAGE OF REPORT)			25,816	383	14,832	152,076

COMMENTS:

I HEREBY CERTIFY THAT THIS REPORT IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

Diane Cerny
 SIGNATURE Diane Cerny DATE
 TITLE Production Analyst I 09-May-13
 PHONE NO. - 281-891-1562

RECEIVED

MAY 28 2013

DIV. OF OIL, GAS & MINING

Revision

MONTHLY REPORT OF GAS PROCESSING PLANT PRODUCT ALLOCATIONS - FORM 13-B

FACILITY OPERATOR ADDRESS PINEVIEW GAS PLANT CITATION OIL AND GAS CORP. 14077 CUTTEN ROAD HOUSTON, TX 77070-5623

PAGE 1 OF 1 OPERATIONS MONTH/YR Mar-13

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COMMENTS:

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Diane Cerny
SIGNATURE Diane Cerny DATE 09-May-13
TITLE Production Analyst I
PHONE NO. - 281-891-1562

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MAY 22 2013
DIV. OF OIL, GAS & MINING